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**THE LABOUR FORCE  
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## THE LABOUR FORCE, AUSTRALIA, MAY 1988

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## EXPLANATORY NOTES

### Introduction

This publication contains estimates of the civilian labour force derived from the labour force survey part of the monthly population survey. Estimates of the labour force characteristics of family members and of family composition are also included.

2. Estimates of the civilian labour force are available for about fifty regions across Australia and are shown in various publications produced by State offices of the ABS. For details, see the list of related publications provided in paragraph 78.

3. Preliminary survey results are published in advance of this more detailed publication in *The Labour Force, Australia, Preliminary* (6202.0).

4. Although emphasis in the population survey is placed on the regular collection of specific data on demographic and labour force characteristics of the population, supplementary and special surveys of particular aspects of the labour force or of other subjects are carried out from time to time. Statistics from these surveys are published and are available on request. A list of survey publications on labour force and related topics is shown later in this publication.

### The population survey

5. The population survey is based on a multi-stage area sample of private dwellings (about 31,000 houses, flats, etc.) and a list sample of non-private dwellings (hotels, motels, etc.), and covers about three-fifths of one per cent of the population of Australia. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the reference week).

### Scope

6. The labour force survey includes all persons aged 15 and over except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- (c) overseas residents in Australia; and
- (d) members of non-Australian defence forces (and their dependents) stationed in Australia.

### Coverage

7. In the labour force survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of selection. The coverage rules are, necessarily, a balance between theoretical and operational considerations. Nevertheless, the chance of a person being enumerated at two separate dwellings in the one survey is considered to be negligible. See paragraph 71 for information about the effect of the coverage rules on family statistics.

8. Persons who are away overseas from their usual residence for less than six weeks at the time of interview are generally enumerated at their usual residence when relevant information can be obtained from other usual residents present at the time of the survey. Persons who, at the time of interview, are overseas for six weeks or more but for less than twelve months are included in the estimates on the assumption that their labour force characteristics are similar to those of the persons responding in the survey.

### Definitions

9. The labour force category to which a person is assigned depends on the *actual activity* undertaken during the reference week (i.e. whether working, looking for work, etc.). The following definitions, which conform closely to the international standard definitions specified by the International Labour Office (ILO), relate only to those persons within the scope of the survey.

10. *Employed persons* comprise all those aged 15 and over who, during the reference week:

- (a) worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (comprising employees, employers and self-employed persons); or
- (b) worked for one hour or more without pay in a family business or on a farm (i.e. unpaid family helpers); or
- (c) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the reference week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the reference week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or
- (d) were employers, self-employed persons or unpaid family helpers who had a job, business or farm, but were not at work.

11. *Full-time workers* are those who usually worked 35 hours or more a week (in all jobs) and others who, although usually part-time workers, worked 35 hours or more during the reference week. *Part-time workers* are those who usually worked less than 35 hours a week and who did so during the reference week. When recording hours of work, fractions of an hour are disregarded.

12. *Hours of work.* The estimates of aggregate hours and of average hours refer to actual hours worked during the reference week, not hours paid for. The estimates may be affected by public holidays, leave, absenteeism; temporary absence from work due to sickness, injury, accident and industrial disputes; and stoppages of work due to bad weather, plant breakdown, etc. When hours of work are recorded, fractions of an hour are disregarded and this results in slightly lower estimates than would be the case if actual time worked was recorded. Persons stood down for the whole of the reference week without pay because of bad weather or plant breakdown at their place of employment are regarded as employed and therefore are included (working no hours) in the calculation of average hours worked. Persons stood down in the reference week for reasons other than bad weather and plant breakdown and waiting to be called back to their job are regarded as unemployed and are excluded from the calculations.

13. The *employment/population ratio* for any group is the number of employed persons expressed as a percentage of the civilian population aged 15 and over in the same group.

14. *Unemployed persons* are those aged 15 and over who were not employed during the reference week, and

(a) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the reference week and:

(i) were available for work in the reference week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the reference week); or

(ii) were waiting to start a new job within four weeks from the end of the reference week and would have started in the reference week if the job had been available then;

or (b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the reference week (including the whole of the reference week) for reasons other than bad weather or plant breakdown.

15. *Actively looking for work* includes writing, telephoning or applying in person to an employer for work; answering a newspaper advertisement for a job; checking factory or Commonwealth Employment Service noticeboards; being registered with the Commonwealth Employment Service; checking or registering with any other employment agency; advertising or tendering for work; and contacting friends or relatives. The active steps were asked in the order shown in the table in this publication showing unemployed persons classified by active steps taken. Since only one response was recorded for each person asked this particular question, the estimates do not reflect the relative importance of the steps taken to find work.

16. *Unemployed persons looking for first job* are those who had never worked full time for two weeks or more.

17. The *labour force* comprises all persons who, during the reference week, were employed or unemployed, as defined above.

18. The *unemployment rate* for any group is the number unemployed expressed as a percentage of the labour force in the same group.

19. *Duration of unemployment* is the period from the time the person began looking for work or was stood down to the end of the reference week. Thus the survey measures current (and continuing) periods of unemployment rather than completed spells. For persons who may have begun looking for work while still employed, the duration of unemployment is defined as the period from the time the person last worked full time for two weeks or more to the end of the reference week. Periods of unemployment are recorded in complete weeks and this results in a slight understatement of duration. *Average duration* is obtained by dividing the aggregate number of weeks a group has been unemployed by the number of persons in that group. *Median duration* is the duration which divides unemployed persons into two equal groups, one comprising persons whose duration of unemployment is above the median and the other, persons whose duration is below it.

20. *Unemployed persons classified by industry and occupation.* Unemployed persons who had worked full time for two weeks or more in the last two years are classified according to the industry and occupation of their most recent full-time job. *Unemployment rates* by industry and occupation are only available for February, May, August and November.

21. *Persons not in the labour force* are those who, during the reference week, were not in the categories employed or unemployed, as defined above. They include persons who were keeping house (unpaid), retired, voluntarily inactive, permanently unable to work, persons in institutions (hospitals, gaols, sanatoriums, etc.), trainee teachers, members of contemplative religious orders, and persons whose only activity during the reference week was jury service or unpaid voluntary work for a charitable organisation. Specific surveys of persons not in the labour force indicate that a number want to work but are not classified as unemployed because they were not actively looking for work and/or were not available to begin work in the reference week. Included in this group are the discouraged jobseekers and other persons marginally attached to the labour force.

22. The *labour force participation rate* for any group is the labour force expressed as a percentage of the civilian population aged 15 and over in the same group. It is not practicable to collect information about school or tertiary educational institution attendance or birthplace for persons in institutions (who are classified not in the labour force). Participation rates for persons classified by birthplace are calculated using population estimates which exclude those in institutions. Participation rates for persons classified by school or tertiary educational

institution attendance are calculated using population estimates which include those in institutions. Paragraph 23 contains more details about persons classified by school or tertiary educational institution attendance.

23. *Persons attending school or a tertiary educational institution.* Persons attending school comprise those aged 15 to 19 who, during the reference week, were enrolled full time at secondary or high schools. Persons attending a tertiary educational institution, comprise those aged 15 to 24 who were enrolled fulltime at universities, colleges of advanced education, technical colleges, colleges of technical and further education and theological colleges. Excluded are persons enrolled at coaching and business schools. Persons attending school or a tertiary educational institution are classified as in the labour force if they were employed or unemployed as defined above. In tables classified by attendance at school or a tertiary educational institution, institutionalised persons are included in the category "Not in the labour force, attending neither school nor a tertiary educational institution full-time".

24. Persons classified by *labour force status* are classified according to whether or not they are in the labour force. Persons in the labour force classified by *employment status* are classified according to whether they are employed or unemployed. The February, May, August and November issues of this publication include tables showing estimates of employed persons, obtained from the labour force survey, classified by *status of worker* i.e. whether they were employers, self-employed persons, wage and salary earners (employees), or unpaid family helpers.

25. *Industry* is classified according to the *Australian Standard Industrial Classification (ASIC) 1983* (1201.0 and 1202.0) and *occupation* according to the *Australian Standard Classification of Occupations (ASCO) 1986* (1222.0).

26. Occupational data classified to ASCO was introduced for the August 1986 survey, replacing the *Classification and Classified List of Occupations (CCLO), Revised November 1980* used in previous surveys. The new classification relies on the level and specialisation of skill required to satisfactorily perform primary tasks as its classificatory variable and is therefore significantly different from the previous classification. The appendix in the August 1986 issue of this publication contains a more detailed explanation of the concepts and structure underlying the classification.

27. A matrix of the two classifications at the broadest classification level (Major Group) was given in Table 41 of the August 1986 issue of this publication. The estimates contained in the matrix were derived from a subsample of respondents in the May 1986 Labour Force Survey. The responses to questions on the occupations of employed persons were coded to both ASCO and CCLO classifications and the matrix was produced by cross-classifying ASCO Major Groups by CCLO Major Groups. A similar matrix, but on the basis of Minor Groups, is available also. More information is available on request from the contact officer whose name appears on the front of this publication.

28. In the labour force survey, persons are classified as *married or not married*. Marital status is determined from information supplied by the respondent about the individual himself or herself and, where the person was reported as being married, about the living arrangements of persons usually resident in the household. Therefore, marital status does not necessarily reflect legal status. Persons are classified as married if they are reported as being married (including de facto) and their spouse was a usual resident of the household at the time of the survey. The not-married category comprises persons who have never married, or are separated, widowed or divorced, as well as those who, although reported as being married, did not have a spouse who usually lived in the household. Persons who live in a de facto relationship but do not volunteer this information when asked whether they are married are classified as not married. For details of discontinuities in estimates of marital status, see paragraph 44.

29. The determination of *family relationships* and composition is complex, involving many factors. The following description outlines the major principles used for this survey. A *family* is defined to consist of two or more related persons usually resident in the same household at the time of the survey. A family comprises a married couple or a family head (as defined in paragraph 31) together with any persons having any of the following relationships to them:

- (a) sons or daughters of any age, if not married and with no children of their own present;
- (b) other relatives if not accompanied by a spouse, sons or daughters, or parents of their own; or
- (c) any children under 15 years of age who do not have a parent present.

30. The following points should be noted in relation to the definition of a family in the previous paragraph:

- (a) the term *relationship* includes relationships by blood, marriage or adoption;
- (b) a family, as defined, can contain no more than two married persons, and can contain two married persons only if these persons are husband and wife (referred to as *married-couple families*);
- (c) *other families* are families other than married-couple families as defined above. From the definition of married and not married in paragraph 28 it can be seen that the heads of other families must, by definition, be not married. In addition to one-parent families, this category includes families in which there is no parent, for example a family head living with a brother or sister;
- (d) persons are defined as *not a member of a family* if they are not related to any other member of the household in which they are living. A person is considered to be *living alone* if he or she is the sole member of a household. Thus, a person who is the sole occupant of a self-contained flat attached to another dwelling is considered to be living alone;

- (e) the terms *usually reside* and *present* are synonymous, and refer to persons who were identified by the respondent as usual residents of the household at the time of the survey.

31. The *family head* of an *other family* is the parent in the case of a one-parent family or, in the case of other groups of related persons, is generally defined to be the eldest person in the family. No family head is defined for a married-couple family.

32. *Dependents* (previously described as *dependent children*) comprise all family members under 15 years of age; all family members aged 15 to 19 attending school; and all family members aged 15 to 24 who are full-time students at a tertiary or further educational institution.

33. The areas determining the six *State capital cities* are the Statistical Divisions for those capital cities defined in *Australian Standard Geographical Classification (ASGC) Manual, Edition 3* (1216.0). Capital City Statistical Divisions are predominantly urban in character and the boundaries are delineated to contain the anticipated urban development of the capital cities (and associated urban centres) for a period of at least 20 years.

#### Population benchmarks

34. Labour force survey estimates of persons employed, unemployed and not in the labour force are calculated in such a way as to add up to the independently estimated distribution of the population aged 15 and over by age and sex. This procedure compensates for under-enumeration in the survey, and leads to more reliable estimates. The independent population statistics (benchmarks) are the latest available estimates at the time the labour force survey is conducted, but they usually differ from the official population estimates subsequently published in *Australian Demographic Statistics* (3101.0) because they are derived from incomplete information about population changes.

35. New benchmarks based on the results of the 1986 Census of Population and Housing will be available in 1988 and are expected to be introduced by February 1989. They may result in labour force estimates being revised for the period July 1981 to January 1989. All estimates produced after January 1989 are expected to be based on the new benchmarks.

#### Revision of series

36. Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each census of population and housing, and when population estimation bases are reviewed. These revisions affect unadjusted, seasonally adjusted and trend estimates. The last such revision was made in February 1984 to take account of the results of the 1981 Census, which affected all the monthly estimates from February 1978 to January 1984.

37. Following the change in official population estimates to a place of usual residence basis after the 1981 census, the population benchmarks used in the estimation of labour force survey data are compiled according to place

of usual residence. For an explanation of the conceptual basis of population estimates see *Information Paper: Population Estimates: An Outline of The New Conceptual Basis of ABS Population Estimates* (3216.0). To co-ordinate with the new benchmarks, the labour force survey questionnaire was changed in October 1982 to enable identification of each respondent's place of usual residence. The estimates shown in this publication are based entirely on place of usual residence. Prior to October 1982, the estimates are based on a combination of place of enumeration and place of usual residence.

38. Until February 1978, surveys were conducted in February, May, August and November each year from 1964. From February 1978 the survey has been conducted on a monthly basis.

39. The questionnaire used in the survey for the collection of labour force data has been revised a number of times, the latest occasion being for the April 1986 survey. Details of these changes have been published in *Information Paper: Questionnaires Used in the Labour Force Survey* (6232.0) in March 1978, December 1981, August 1984 and June 1986.

40. The latest revision to the questionnaire, in April 1986, follows the extension of the definition of employed persons to include persons who worked without pay between 1 and 14 hours per week in a family business or on a farm (i.e. unpaid family helpers). This new definition aligns the Australian labour force concepts with a set of changed international definitions adopted by the International Labour Office at the 13th Conference of Labour Statisticians in October 1982.

41. Previously, such persons who worked 1 to 14 hours, or who had such a job but were not at work, were defined as either unemployed or not in the labour force, depending on whether they were actively looking for work. In order to assist users to assess the impact of the change, estimates for March 1986 based on the new definition were shown in footnotes to Tables 1 and 2 of the February, March and April 1987 issues of this publication.

42. A revised procedure for weighting families estimates, as presented in this publication, was also introduced in April 1986. Additional tables were included in the April 1986 issue of this publication to show the impact of this new procedure. Paragraph 73 contains more details.

#### Comparability of series

43. As noted in paragraphs 36 and 37, estimates from February 1978 have been revised to conform to revised population estimates following the 1981 Census, and are thus not strictly comparable with estimates for periods prior to February 1978 which have not been revised. The appendix to the February 1984 issue of this publication contains adjustment factors enabling users to calculate the expected effect of the revisions to estimates for periods prior to February 1978.

44. Paragraph 28 outlines the definition of marital status now used in the labour force survey. In conjunction with the revision of estimates back to February 1978 to

conform to revised population estimates, a revision to take account of the new definition of marital status was also applied. Consequently, estimates of marital status contained in this publication are not comparable with estimates published before the February 1984 issue which classified as married all respondents who reported that they were married or separated. The revision to the marital status classification was undertaken in two parts. First, for all surveys from February 1978, persons who reported that they were separated, were reclassified as not married. Second, from June 1983 onwards, the not-married category was expanded to also include persons who, although reported as married, did not have a spouse who was a usual resident of the household at the time of the survey.

45. Comparability with estimates produced from the quarterly survey of employment and earnings is affected by the use of a different survey methodology and definitions. The labour force survey provides estimates of people in jobs whereas the survey of employment and earnings provides an estimate of the number of jobs held by wage and salary earners. A more detailed description of the differences between these two series is provided in *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0).

#### Survey sample redesign

46. The LFS sample has been redesigned and reselected using information collected in the 1986 Population Census. The new sample was phased in over the period September to December 1987. For details, see *Information Paper: Labour Force Survey — Sample Design* (6269.0).

47. The sampling fraction differs for States and Territories. This enables estimates of reasonable accuracy to be produced for all States and Territories as well as for Australia. Sampling fractions for each State and Territory are as follows: New South Wales and Victoria 1 in 230; Queensland, 1 in 160; Western Australia, South Australia, Northern Territory and Australian Capital Territory, 1 in 115; and Tasmania, 1 in 70.

#### Change in collection methodology

48. For the April to October 1988 surveys information is being collected by telephone interview where practicable, from approximately ten per cent of survey respondents. At the end of this period, consideration will be given to changing to telephone interviewing as the principal method of obtaining data.

#### Reliability of the estimates

49. Estimates in this publication are subject to two sources of error:

- (a) sampling error: since the estimates are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, may differ from the figures that would have been produced if all dwellings had been included in the survey. More information on this topic is given in the Technical Note; and
- (b) non-sampling error: inaccuracies may occur because of imperfections in reporting by respon-

dents and interviewers and errors made in coding and processing data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

#### Differences between population census and population survey estimates

50. The results of the 1986 Census of Population and Housing show that labour force figures derived from the census differ from estimates derived from the labour force surveys.

51. The broad concepts underlying the measures of the labour force and its components, employment and unemployment, are similar in the census and the surveys. However there are considerable differences in both the collection methodology adopted (including the detailed questions asked) and estimation procedures. Factors contributing to differences in estimates include under-enumeration in the population census for which census labour force estimates have not been adjusted, the use in the labour force survey of population benchmarks derived from incomplete information about population change (see paragraphs 34 and 35), the inclusion of permanent defence forces in census estimates, the personal interview approach adopted in the survey as opposed to self-enumeration of census schedules, differing questions used to determine labour force characteristics (particularly the identification of unemployed persons) and differing methods of adjustment for non-response to the survey or census.

52. The labour force survey provides detailed and up-to-date estimates of employment and unemployment for Australia, States and regions, whereas the census of population and housing provides counts for small areas but in less detail than is available from the survey.

53. These considerations should be borne in mind if comparisons are made between population census and labour force survey estimates.

#### Seasonal adjustment

54. Seasonally adjusted series are published in Tables 2 and 8. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

55. As happens with all seasonally adjusted series, the seasonal factors are reviewed annually to take account of each additional year's original data. The latest review, in February 1988, revised the Australian and State seasonally adjusted and trend monthly series back to February 1978. Information about the method of adjustment and revised seasonally adjusted and trend estimates for all months since January 1982 for Australia and the States were published in the appendix of the February 1988 publication.

56. It is possible that the seasonality of employment, unemployment and labour force participation has been affected by the changed pattern of school holidays in some States.

57. The impact of these changes on seasonally adjusted estimates of labour force characteristics cannot be assessed at this stage.

#### **Trend estimation**

58. Smoothing seasonally adjusted series produces a measure of trend by reducing the impact of the irregular component of the series. The trend estimates are derived by applying a 13-term Henderson-weighted moving average to the respective seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time. Tables 3 and 9 show trend estimates for the past 14 months, while the appendix to the February 1988 issue shows estimates for the six States and Australia back to January 1982. Trend series graphs are shown on pages 9 to 12. Data from February 1978 is available on the ABS on-line data dissemination service, AUSSTATS. The trend series of the participation rate for married females are based on smoothed population estimates.

59. While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller, and after three months have a negligible impact on the series. There will also be revisions as a result of the annual review of seasonal factors mentioned above in paragraph 55.

60. Users may wish to refer to the ABS Information Papers *A Guide to Smoothing Time Series — Estimates of Trend* (1316.0), and *Time Series Decomposition — An Overview* (1317.0) for more detailed information on producing trend estimates by smoothing seasonally adjusted time series data.

#### **Month-to-month movements**

61. Care should be taken in the interpretation of month-to-month movements in these estimates. Survey estimates are subject to sampling and non-sampling variability as explained in paragraph 49. Particular care should be taken in the interpretation of the recent original and seasonally adjusted monthly movements as these may have been affected by the changed pattern of school holidays in some States. Trend estimates are expected to be relatively unaffected by these changes.

#### **Gross flows**

62. In order to minimise respondent burden and at the same time maintain continuity within the population survey sample, one eighth of the dwellings in the sample (except the large non-private dwellings) are replaced after each survey. Adoption of this rotation procedure, whereby about seven-eighths of the sample remains unchanged from one month to the next, enables more reliable measurements of changes in the labour force characteristics of the population to be made than would be possible if a new sample were introduced each month.

63. Because a high proportion of private dwellings selected in one survey remains in the sample for the following survey, it is possible to match the characteristics of most of the persons in those dwellings from one month to the next, to record any changes that occur, and hence to produce estimates of *flows* between the different categories of the population and labour force.

64. The procedures used to select persons in non-private dwellings preclude the possibility of matching any of them who may be included in successive surveys. For this and other reasons, including the mobility of the population and non-response in either or both surveys, about 10 per cent of persons in those dwellings which are included in the sample in successive months cannot be matched. Those who can be matched represent about 80 per cent of all persons in the survey.

65. Changes in the characteristics of this latter group are shown in the gross flows table. About one half of the remaining (unmatched) 20 per cent of persons in the survey are likely to have characteristics similar to those in the matched group, but the characteristics of the other half are likely to be somewhat different.

66. Gross flow estimates relate only to those persons in private dwellings for whom information was obtained in successive surveys. The expansion factors used in calculating the estimates were those applying to the second of each pair of months.

67. Although it is not possible to provide gross flow estimates for all persons in the survey it is considered that the estimates derived from matched records will be a useful guide to the magnitude of the movements between categories which underlie the changes in monthly levels. When comparing flows for different periods it is important to take into account the population represented by the matched sample, as shown in the last line of the table.

68. While every effort is made to reduce non-sampling errors to a minimum, any such errors affecting labour force status will tend to accumulate in the gross flow statistics rather than to cancel out. The estimates are also subject to sampling variability, as explained in the Technical Note. For these reasons the estimates of flows should be used with caution. The standard errors may be obtained from Table A of the Technical Note.

69. Estimates of total flows into or out of the employed category may be less than the sum of the estimates for employed full time and employed part time as the estimates for the latter two categories include movements between these two categories.

#### **Labour force status and other characteristics of families**

70. As a part of survey procedures, family relationships are determined each month, enabling both the estimation of persons cross-classified by their family status and the estimation of families. This publication contains tables showing the labour force status and family status of individuals and families classified by family type, number of family members, the labour force status of persons within families, the number of children aged 0-14 present and, from the May 1986 issue onwards, the number of dependents present.

71. Because of the coverage rules of the population survey which associate persons with particular dwellings so that each person has an equal chance of selection in the survey, persons who usually live with other members of their family may be enumerated, at the time of the survey, as not living with all the usual members of their family. This situation is more likely for persons who are enumerated as visitors to other private dwellings or as persons staying in non-private dwellings (hotels, caravan parks, hospitals, etc.). The determination of family structure and family characteristics in such cases is most difficult. Thus, family information is not obtained for the following persons:

- (a) all persons enumerated in non-private dwellings (including hotels, motels, hospitals and other institutions); and
- (b) persons enumerated as visitors to (rather than usual residents of) private dwellings.

72. In addition, in those private dwellings where it is not possible to obtain information relating to all the usual residents, no family information is recorded. Thus the family characteristics of persons living in families which include a member of the permanent defence forces, who is outside the scope of the population survey, are not determined because family information cannot be obtained from each usual resident. Similarly, families in which one or more members are away from the usual residence at the time of the survey are also excluded from family determination. A summary of those persons for whom family information is obtained as well as those usual residents of private dwellings for whom complete family information cannot be obtained, and those persons specifically excluded from the family determination procedures is contained in the family tables. Generally, family status is determined for more than 90 per cent of all civilians aged 15 and over.

73. Estimates of the number of families in this publication differ from those in publications prior to the April 1986 issue. This is due to the adoption of a new weighting procedure where the weight for a family is determined using an average of the weights for all family members responding to the labour force survey. Previously, the weight used to derive estimates of the number of families was determined by nomination of a proxy 'head of household' as representative of the family.

74. Revised data for March 1986 using the new weighting procedure for families and the revised definition of employed persons were shown in the April 1986 issue of this publication. Revised data for March 1986 using the new weighting procedure for families and the old definition of employed persons as well as data using the old weighting procedure for families and the new definition for employed persons are available on request.

#### Additional data

75. Estimates for employed persons classified by industry, occupation and status of worker are available each February, May, August and November, and the following

tables are published in issues of this publication for those months:

Employed persons—  
 Industry and occupation—  
     Full-time and part-time workers  
     Status of worker  
     Age and birthplace  
 Hours worked  
 Industry by occupation  
 Industry subdivisions  
 Major and minor occupation groups.

76. In some cases, the ABS can also make available information which is not published. This information may be made available in one or more of the following forms: floppy disk, microfiche, photocopy, data tape, computer printout, manually-extracted tabulation. In general, a charge is made for providing unpublished information. Inquiries should be made to the officer whose name appears in the *Phone Inquiries* section at the front of this publication, or to Information Services in the nearest ABS Office.

#### Semi-logarithmic graphs

77. Graphs on pages 9 and 10 have been drawn using a logarithmic vertical scale to facilitate comparisons of rates of growth in series of differing magnitude. Equal distances on the vertical scale (over equal time periods) indicate equal rates of growth for graphs on the same page.

#### Related publications

78. Users may also wish to refer to the following publications which relate to the labour force and are available on request:

*The Labour Force, Australia, Preliminary* (6202.0)—issued monthly

*The Labour Force, Australia: Historical Summary, 1966 to 1984* (6204.0)

*The Labour Force (Including Regional Estimates), New South Wales* (6201.1)—issued quarterly

*The Labour Force, Victoria* (6201.2)—issued monthly

*The Labour Force, Victorian Regions* (6202.2)—issued quarterly

*Information Paper, Victorian Labour Force Statistics* (6262.2)

*The Labour Force, Queensland* (6201.3)—issued quarterly

*The Labour Force: Regional Estimates, Queensland* (6204.3)—issued quarterly

*The Labour Force, South Australia* (6201.4)—issued quarterly

*The Labour Force, Regional Estimates, Western Australia* (6201.5)—issued quarterly

*Labour Force Statistics, Tasmania 1985* (6201.6)

*Monthly Summary of Statistics, Tasmania* (1303.6)—  
issued monthly

*Labour Statistics, Australia, 1985* (6101.0)—issued  
annually

*A Guide to Labour Statistics* (6102.0)

*Information Paper: Questionnaires used in the Labour  
Force Survey, June 1986* (6232.0)

*Employed Wage and Salary Earners, Australia* (6248.0)—  
issued quarterly

*Persons Not in the Labour Force, Australia* (6220.0)—  
issued twice-yearly

*Labour Force Status and Other Characteristics of  
Families, Australia, June 1986* (6224.0)—issued annually

*Social Indicators No. 4, 1984* (4101.0);

*Information Paper: Comparison of Employment Esti-  
mates From the Labour Force Survey and the Survey of  
Employment and Earnings* (6263.0)

*A Guide to Smoothing Time Series — Estimates of  
'Trend'* (1316.0)

*Time Series Decomposition — an Overview* (1317.0)

*Information Paper: Labour Force Survey — Sample  
Design* (6269.0)

*Information Paper: Labour Force Survey — Measuring  
Teenage Unemployment* (6270.0)

*Technical Paper: The Labour Force Australia: Prelim-  
inary Data on Floppy Disk — Technical Details* (6271.0)

79. Current publications produced by the ABS are  
listed in the *Catalogue of Publications, Australia* (1101.0).  
The ABS also issues, on Tuesdays and Fridays, a  
*Publications Advice* (1105.0) which lists publications to  
be released in the next few days. The Catalogue and  
Publications Advice are available from any ABS office.

## Symbols and other usages

- \* subject to sampling variability too high for most  
practical uses. See paragraph 6 of the Technical  
Note
- n.a. not available
- .. not applicable
- n.e.c. not elsewhere classified
- r revised

80. Estimates have been rounded and discrepancies may  
occur between sums of the component items and totals.

## Electronic services

- VIATEL. Key \*656# for selected current economic,  
social and demographic statistics.
- AUSSTATS. Thousands of up-to-date time series are  
available on this ABS on-line service  
through CSIRONET.  
For further information phone the  
AUSSTATS Help Desk on (062) 52  
6017.
- TELESTATS. This service provides foreign trade stat-  
istics tailored to users' requirements.  
Further information is available on (062)  
52 5404.

## Floppy disk service

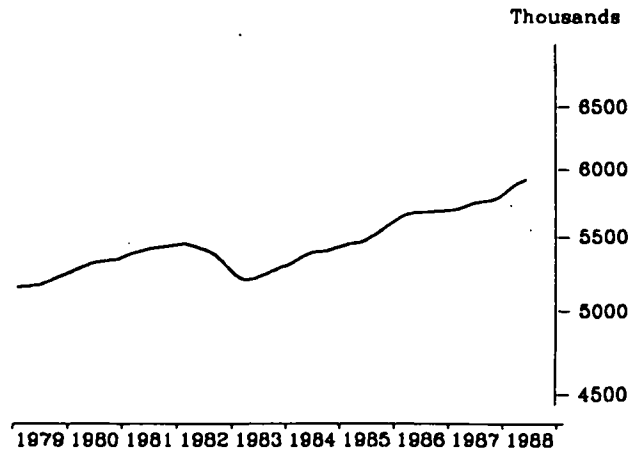
Selected ABS statistics are available on  
floppy disk. For further information  
phone (062) 52 6684.

**IAN CASTLES**  
Australian Statistician

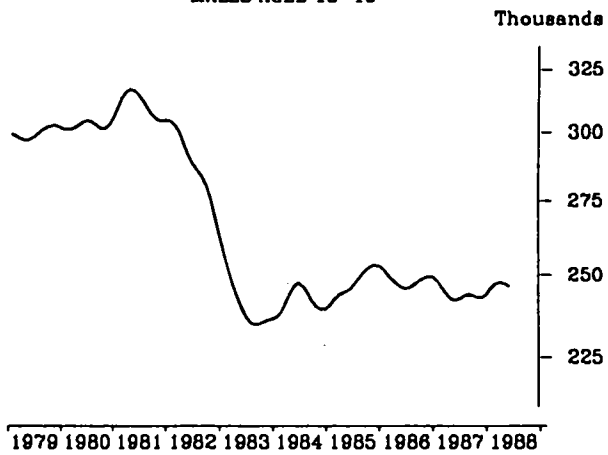
# PERSONS EMPLOYED FULL-TIME: TREND SERIES

The graphs on this page have been drawn to a semi-logarithmic scale to enable comparisons to be made of rates of change --See paragraph 77.

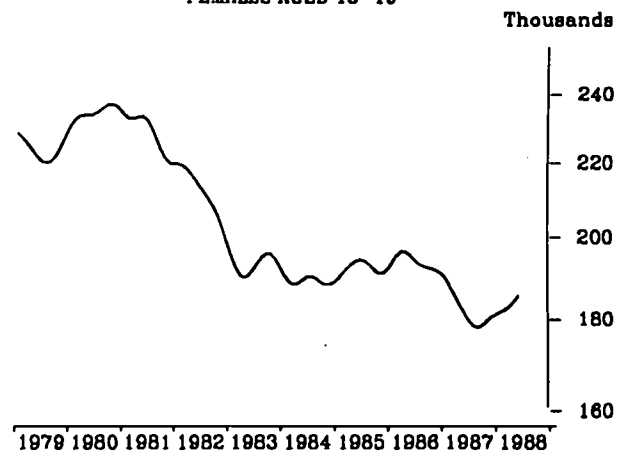
PERSONS



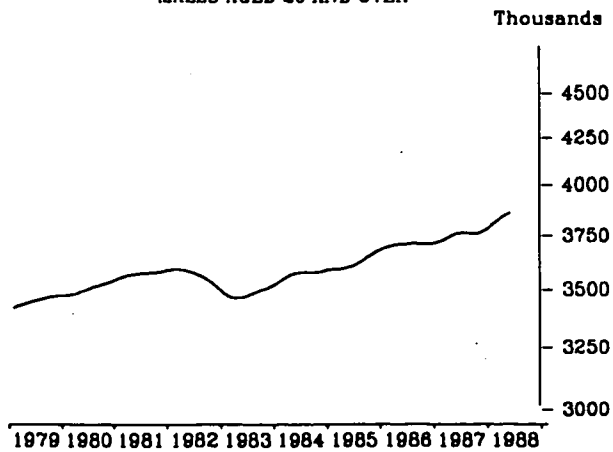
MALES AGED 15-19



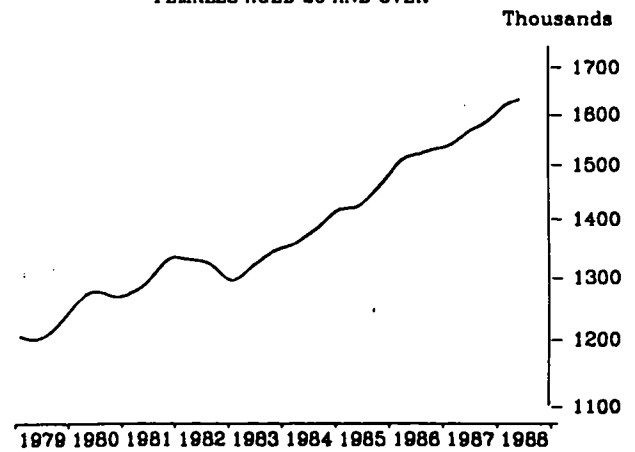
FEMALES AGED 15-19



MALES AGED 20 AND OVER

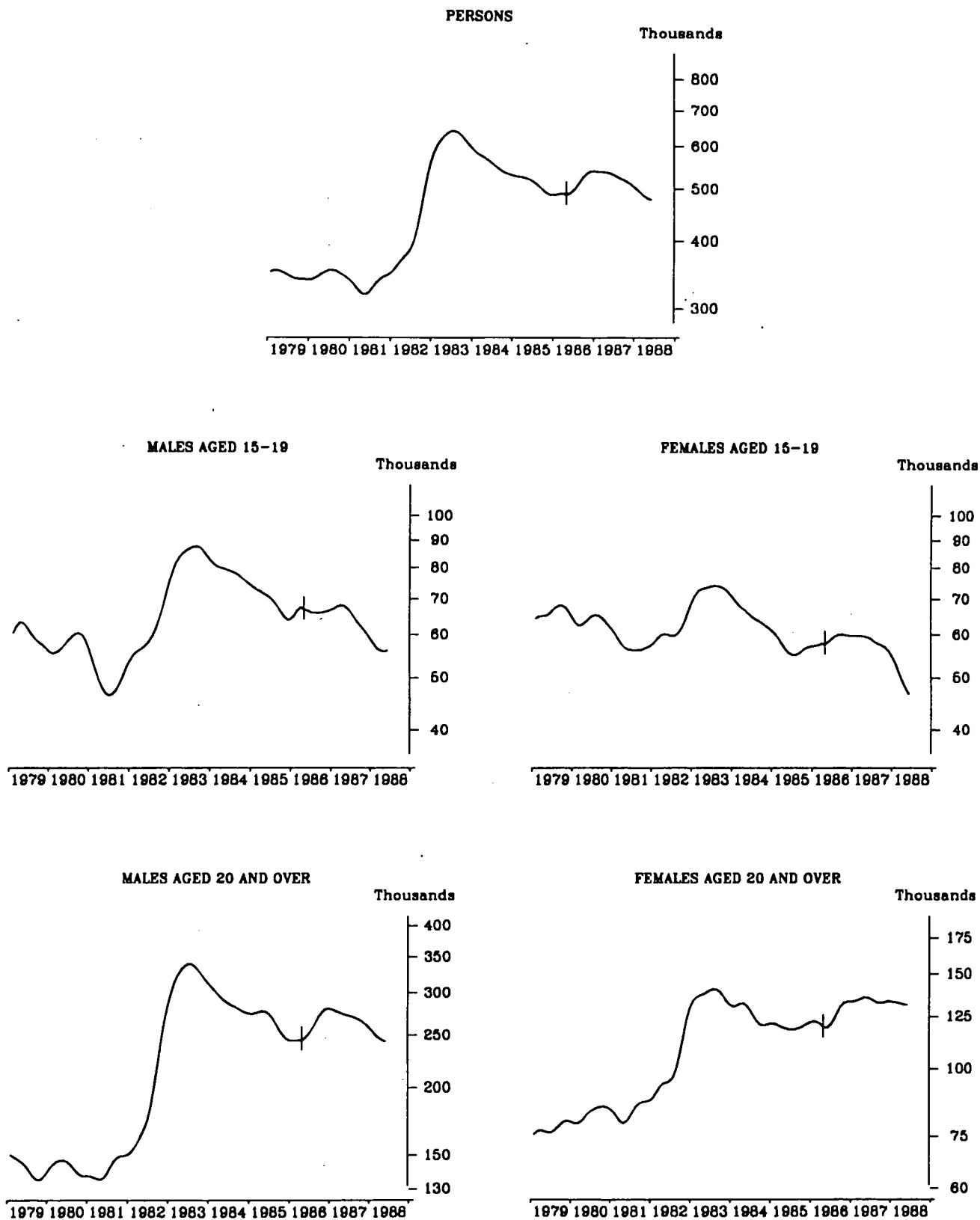


FEMALES AGED 20 AND OVER



# UNEMPLOYED PERSONS LOOKING FOR FULL-TIME WORK: TREND SERIES

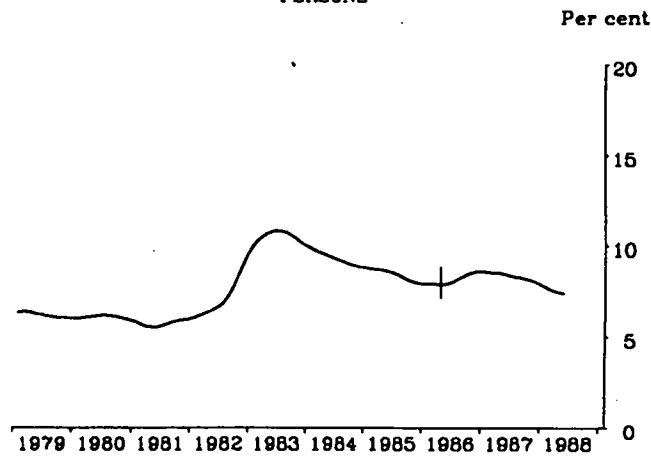
The graphs on this page have been drawn to a semi-logarithmic scale to enable comparisons to be made of rates of change - See paragraph 77.



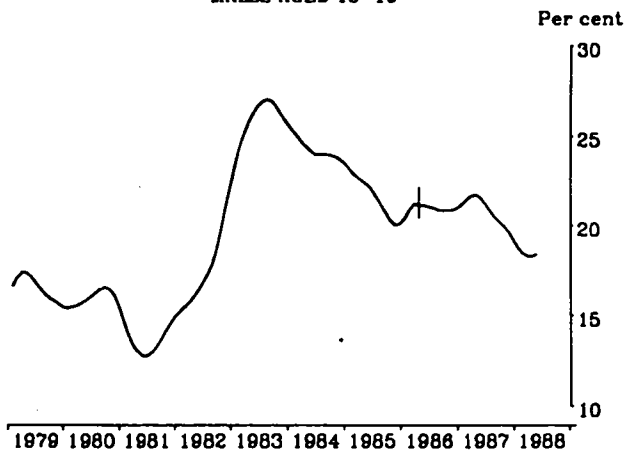
| Indicates break in series. Estimates for the period prior to April 1986 are based on the old definition. See paragraphs 40 and 41 of the Explanatory Notes.

# UNEMPLOYMENT RATE FOR THOSE PERSONS LOOKING FOR FULL-TIME WORK: TREND SERIES

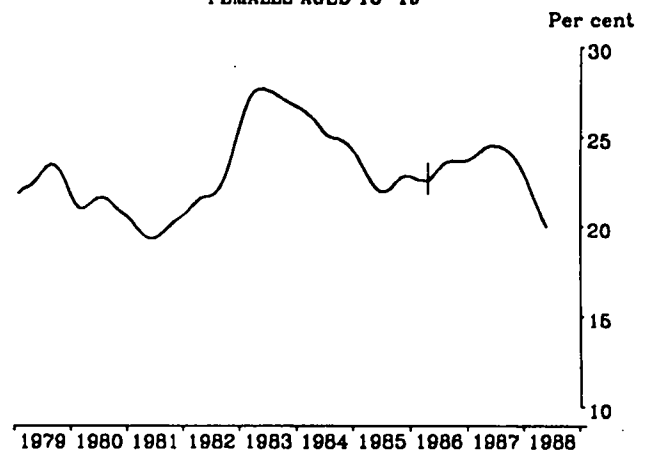
PERSONS



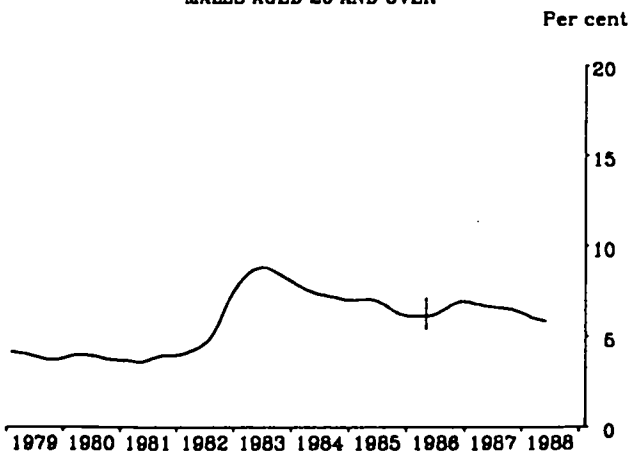
MALES AGED 15-19



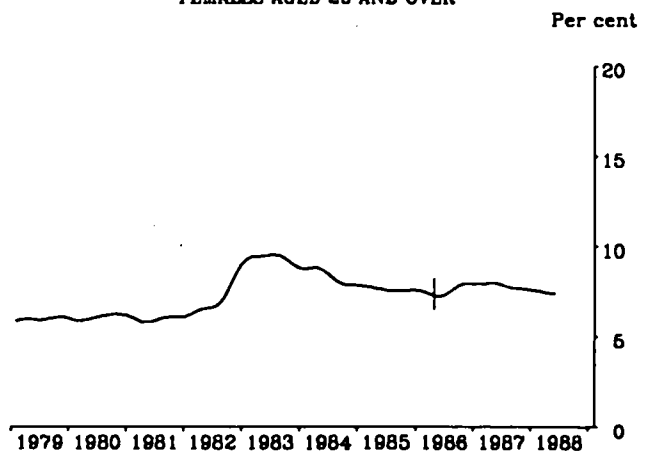
FEMALES AGED 15-19



MALES AGED 20 AND OVER

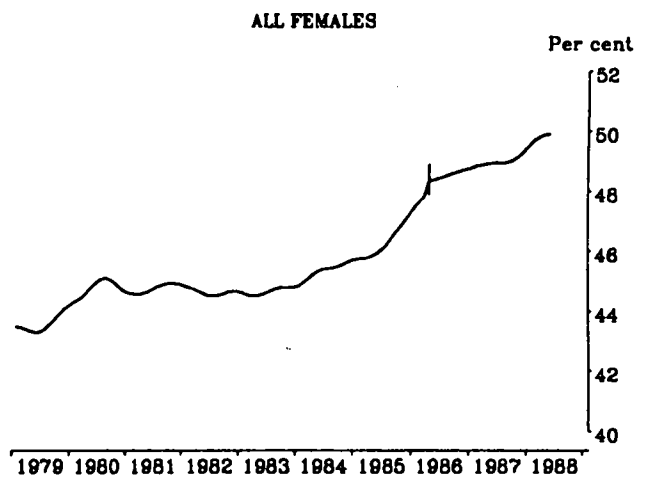
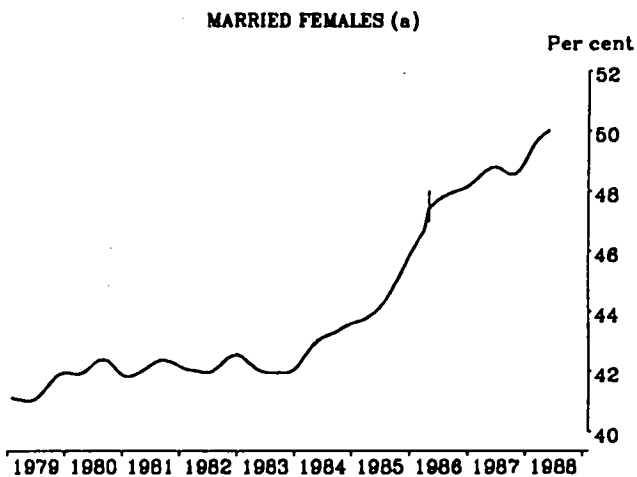
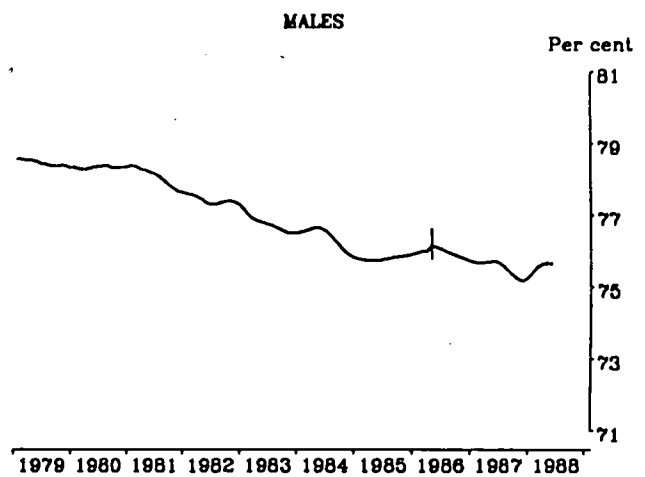
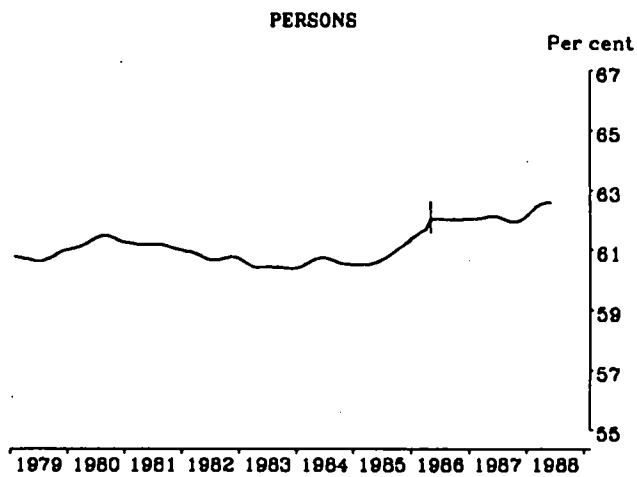


FEMALES AGED 20 AND OVER



| Indicates break in series. Estimates for the period prior to April 1986 are based on the old definition. See paragraphs 40 and 41 of the Explanatory Notes.

## PARTICIPATION RATE: TREND SERIES



(a) See Explanatory Notes, paragraph 58.

| Indicates break in series. Estimates for the period prior to April 1986 are based on the old definition. See paragraphs 40 and 41 of the Explanatory Notes.

# TABLES



TABLE 1. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER — continued

Month	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate	
	Full-time workers	Total	Looking for full-time work		Total						
			Aged 15-19 looking for first job	Looking for part-time work							
											Total
- '000 -						- per cent -					
ALL FEMALES											
1987 -											
April	1,726.2	2,822.4	20.9	203.7	91.1	294.8	3,117.2	3,184.9	6,302.1	9.5	49.5
May	1,721.6	2,829.1	15.9	192.7	75.4	268.1	3,097.2	3,216.1	6,313.3	8.7	49.1
June	1,717.9	2,833.4	17.2	179.5	70.5	249.9	3,083.3	3,241.3	6,324.6	8.1	48.8
July	1,757.0	2,851.7	15.9	183.4	72.5	255.9	3,107.6	3,227.4	6,335.0	8.2	49.1
August	1,709.2	2,810.8	18.7	178.1	76.9	254.9	3,065.8	3,279.6	6,345.4	8.3	48.3
September	1,748.4	2,869.1	17.2	171.2	81.3	252.5	3,121.6	3,234.3	6,355.8	8.1	49.1
October	1,763.4	2,869.2	16.3	169.5	74.2	243.7	3,112.8	3,253.7	6,366.5	7.8	48.9
November	1,744.7	2,882.7	15.0	166.7	70.8	237.6	3,120.3	3,256.7	6,377.0	7.6	48.9
December	1,814.7	2,934.6	29.8	193.6	74.5	268.2	3,202.7	3,184.7	6,387.5	8.4	50.1
1988 -											
January	1,798.5	2,822.2	28.5	209.3	65.2	274.5	3,096.7	3,300.7	6,397.4	8.9	48.4
February	1,792.2	2,877.7	24.6	200.8	87.3	288.1	3,165.8	3,241.2	6,407.0	9.1	49.4
March	1,812.3	2,969.3	21.4	190.7	107.8	298.4	3,267.8	3,148.9	6,416.7	9.1	50.9
April	1,799.0	2,958.6	17.7	189.1	104.7	293.8	3,252.4	3,176.1	6,428.5	9.0	50.6
May	1,794.1	2,953.6	14.9	175.3	88.3	263.6	3,217.2	3,222.9	6,440.1	8.2	50.0
Standard error of -											
May 1988 estimates	12.7	15.0	2.0	5.5	4.3	6.6	15.5	15.3	..	0.2	0.2
Apr 88 to May 88 movements	10.1	12.2	1.8	4.4	3.5	5.2	12.7	12.5	..	0.2	0.2
PERSONS											
1987 -											
April	5,687.5	7,087.7	41.5	530.8	121.3	652.1	7,739.8	4,678.4	12,418.2	8.4	62.3
May	5,680.2	7,084.0	38.1	530.6	104.4	635.0	7,719.0	4,721.9	12,440.9	8.2	62.0
June	5,690.8	7,111.2	34.3	506.2	97.4	603.6	7,714.8	4,749.0	12,463.8	7.8	61.9
July	5,771.9	7,157.8	35.3	510.9	99.3	610.2	7,768.0	4,715.5	12,483.5	7.9	62.2
August	5,656.3	7,073.2	36.5	495.4	106.5	601.9	7,675.1	4,828.1	12,503.2	7.8	61.4
September	5,734.4	7,165.8	34.0	489.6	108.5	598.2	7,764.0	4,759.0	12,523.0	7.7	62.0
October	5,751.0	7,156.1	31.5	475.6	109.6	585.2	7,741.3	4,802.5	12,543.8	7.6	61.7
November	5,705.6	7,159.9	34.0	469.6	96.9	566.5	7,726.4	4,837.9	12,564.3	7.3	61.5
December	5,872.2	7,307.9	62.5	506.7	112.9	619.6	7,927.4	4,657.4	12,584.8	7.8	63.0
1988 -											
January	5,825.0	7,145.3	60.0	541.9	103.2	645.2	7,790.5	4,813.9	12,604.4	8.3	61.8
February	5,845.6	7,219.1	51.6	519.8	123.0	642.8	7,861.9	4,761.3	12,623.2	8.2	62.3
March	5,884.5	7,366.1	40.4	493.0	149.3	642.3	8,008.5	4,633.6	12,642.1	8.0	63.3
April	5,874.6	7,353.5	36.3	491.4	151.4	642.8	7,996.3	4,669.6	12,665.9	8.0	63.1
May	5,854.3	7,326.1	31.7	468.6	123.3	591.9	7,918.0	4,771.1	12,689.1	7.5	62.4
Standard error of -											
May 1988 estimates	18.6	19.9	2.7	8.0	5.0	8.8	20.4	17.3	..	0.1	0.2
Apr 88 to May 88 movements	15.8	17.2	2.4	6.2	4.0	6.9	17.7	14.5	..	0.1	0.1

TABLE 2. CIVILIAN LABOUR FORCE: SEASONALLY ADJUSTED SERIES

Month	Employed		Unemployed				Labour force	Unemployment rate - per cent -	Participation rate
	Full-time workers	Total	Looking for full-time work		Looking for part-time work				
			Aged 15-19 looking for first job	Total	Total	Total			
MALES									
1987 -									
April	3,976.8	4,264.9	24.0	332.6	29.8	362.4	4,627.2	7.8	75.7
May	3,967.0	4,257.8	28.2	339.9	29.3	369.2	4,626.9	8.0	75.5
June	3,984.6	4,285.3	21.7	334.5	29.1	363.7	4,649.0	7.8	75.7
July	4,008.4	4,304.2	23.8	334.1	32.2	366.4	4,670.6	7.8	76.0
August	3,980.9	4,298.8	21.7	319.8	31.1	350.9	4,649.8	7.5	75.5
September	3,976.3	4,281.8	20.7	320.5	26.0	346.6	4,628.3	7.5	75.0
October	3,985.8	4,278.8	20.4	326.5	39.8	366.4	4,645.2	7.9	75.2
November	3,965.3	4,275.0	23.1	322.9	30.5	353.4	4,628.4	7.6	74.8
December	4,012.5	4,328.1	21.9	313.1	31.9	345.0	4,673.1	7.4	75.4
1988 -									
January	4,036.7	4,358.5	20.3	307.8	32.7	340.5	4,698.9	7.2	75.7
February	4,043.6	4,352.5	19.2	292.4	36.8	329.2	4,681.7	7.0	75.3
March	4,059.6	4,377.8	17.3	293.7	36.0	329.7	4,707.5	7.0	75.6
April	4,091.9	4,394.1	21.6	307.3	46.0	353.3	4,747.4	7.4	76.1
May	4,068.9	4,375.5	21.4	294.7	35.5	330.2	4,705.7	7.0	75.3
MARRIED FEMALES									
1987 -									
April	901.6	1,701.6	n.a.	67.8	41.7	109.5	1,811.1	6.0	48.8
May	908.4	1,707.5	n.a.	65.4	41.0	106.4	1,813.9	5.9	48.8
June	914.3	1,713.4	n.a.	62.1	38.3	100.3	1,813.7	5.5	48.7
July	924.1	1,714.5	n.a.	67.9	40.2	108.0	1,822.5	5.9	48.7
August	924.6	1,730.5	n.a.	65.0	44.4	109.4	1,839.9	5.9	49.2
September	913.3	1,702.2	n.a.	59.6	37.1	96.8	1,799.0	5.4	48.4
October	933.1	1,715.0	n.a.	60.1	38.6	98.7	1,813.7	5.4	48.5
November	918.5	1,706.1	n.a.	57.3	39.4	96.7	1,802.8	5.4	48.1
December	934.1	1,723.0	n.a.	61.2	39.8	101.0	1,824.0	5.5	48.8
1988 -									
January	955.2	1,767.5	n.a.	68.1	44.0	112.1	1,879.5	6.0	50.0
February	957.0	1,767.1	n.a.	59.4	40.1	99.5	1,866.6	5.3	49.5
March	964.7	1,778.0	n.a.	59.9	39.6	99.4	1,877.5	5.3	49.9
April	961.3	1,788.7	n.a.	55.3	48.4	103.6	1,892.3	5.5	49.9
May	956.5	1,789.0	n.a.	60.1	45.1	105.3	1,894.3	5.6	49.7
ALL FEMALES									
1987 -									
April	1,727.4	2,813.2	22.1	197.7	80.4	278.1	3,091.3	9.0	49.1
May	1,729.5	2,819.4	18.6	192.4	74.5	266.9	3,086.2	8.6	48.9
June	1,734.5	2,828.8	20.6	185.3	72.3	257.6	3,086.4	8.3	48.8
July	1,752.3	2,841.1	20.3	194.5	75.6	270.2	3,111.3	8.7	49.1
August	1,735.1	2,837.5	22.5	189.4	86.0	275.5	3,113.0	8.8	49.1
September	1,744.5	2,847.6	20.8	181.2	75.8	257.0	3,104.6	8.3	48.8
October	1,769.9	2,866.3	21.4	188.0	77.8	265.9	3,132.2	8.5	49.2
November	1,743.4	2,850.3	19.3	185.8	78.8	264.5	3,114.8	8.5	48.8
December	1,782.0	2,890.7	21.4	188.5	78.2	266.8	3,157.5	8.4	49.4
1988 -									
January	1,795.6	2,937.6	18.7	191.8	81.8	273.6	3,211.2	8.5	50.2
February	1,790.0	2,909.2	17.8	174.1	80.4	254.5	3,163.7	8.0	49.4
March	1,799.7	2,932.9	19.7	173.8	84.8	258.6	3,191.5	8.1	49.7
April	1,800.0	2,948.3	18.7	182.8	92.4	275.2	3,223.5	8.5	50.1
May	1,802.7	2,943.2	17.5	174.9	87.4	262.3	3,205.5	8.2	49.8
PERSONS									
1987 -									
April	5,704.2	7,078.1	46.1	530.3	110.2	640.5	7,718.5	8.3	62.2
May	5,696.5	7,077.1	46.8	532.3	103.8	636.1	7,713.2	8.2	62.0
June	5,719.1	7,114.1	42.2	519.8	101.5	621.3	7,735.4	8.0	62.1
July	5,760.7	7,145.3	44.1	528.7	107.9	636.6	7,781.9	8.2	62.3
August	5,716.0	7,136.3	44.2	509.2	117.2	626.4	7,762.7	8.1	62.1
September	5,720.8	7,129.3	41.5	501.8	101.8	603.6	7,732.9	7.8	61.8
October	5,755.7	7,145.2	41.8	514.6	117.6	632.2	7,777.4	8.1	62.0
November	5,708.7	7,125.3	42.4	508.7	109.2	617.9	7,743.2	8.0	61.6
December	5,794.4	7,218.8	43.3	501.6	110.1	611.8	7,830.6	7.8	62.2
1988 -									
January	5,832.3	7,296.0	39.0	499.6	114.5	614.1	7,910.1	7.8	62.8
February	5,833.6	7,261.7	37.0	466.6	117.2	583.7	7,845.4	7.4	62.2
March	5,859.2	7,310.8	37.0	467.5	120.8	588.3	7,899.0	7.4	62.5
April	5,891.9	7,342.4	40.3	490.1	138.4	628.5	7,970.9	7.9	62.9
May	5,871.6	7,318.7	38.8	469.6	122.9	592.5	7,911.2	7.5	62.3

(a) See Explanatory Notes, Paragraph 58

TABLE 4. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:  
MARITAL STATUS, MAY 1988

	Employed		Unemployed		Total	Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work						
					- '000 -					- per cent -
Males	4,060.2	4,372.6	293.2	35.1	328.3	4,700.9	1,548.2	6,249.0	7.0	75.2
Married	2,742.3	2,862.1	126.4	5.7	132.1	2,994.2	863.0	3,857.2	4.4	77.6
Not married	1,317.9	1,510.4	166.8	29.4	196.2	1,706.6	685.2	2,391.8	11.5	71.4
Females	1,794.1	2,953.6	175.3	88.3	263.6	3,217.2	3,222.9	6,440.1	8.2	50.0
Married	952.1	1,800.1	61.4	46.7	108.1	1,908.2	1,899.8	3,808.0	5.7	50.1
Not married	842.0	1,153.5	113.9	41.5	155.5	1,309.0	1,323.1	2,632.1	11.9	49.7
Persons	5,854.3	7,326.1	468.6	123.3	591.9	7,918.0	4,771.1	12,689.1	7.5	62.4

TABLE 5. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:  
STATES AND TERRITORIES, MAY 1988

State or Territory	Employed		Unemployed		Total	Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work						
					- '000 -					- per cent -
MALES										
New South Wales	1,391.1	1,495.6	107.3	12.3	119.6	1,615.2	555.6	2,170.8	7.4	74.4
Victoria	1,080.0	1,161.6	57.8	9.4	67.2	1,228.8	400.8	1,629.5	5.5	75.4
Queensland	657.4	711.4	49.7	6.7	56.4	767.9	242.7	1,010.5	7.3	76.0
South Australia	328.6	356.0	32.1	2.0	34.1	390.1	147.3	537.4	8.7	72.6
Western Australia	387.8	415.2	31.0	3.0	34.0	449.3	128.4	577.7	7.6	77.8
Tasmania	111.8	118.9	8.9	*	9.8	128.6	41.4	170.0	7.6	75.7
Northern Territory	36.4	38.5	3.8	*	3.9	42.4	13.2	55.6	9.3	76.3
Australian Capital Territory	67.3	75.3	2.6	*	3.2	78.6	18.9	97.5	4.1	80.6
Australia	4,060.2	4,372.6	293.2	35.1	328.3	4,700.9	1,548.2	6,249.0	7.0	75.2
FEMALES										
New South Wales	644.3	1,011.6	61.0	26.5	87.5	1,099.1	1,144.5	2,243.5	8.0	49.0
Victoria	471.5	779.0	41.3	25.0	66.3	845.3	846.3	1,691.6	7.8	50.0
Queensland	275.6	463.5	31.8	15.9	47.7	511.2	524.1	1,035.3	9.3	49.4
South Australia	141.9	255.6	15.7	7.3	23.0	278.6	282.3	560.9	8.3	49.7
Western Australia	159.5	273.9	17.6	9.2	26.8	300.7	277.1	577.8	8.9	52.0
Tasmania	42.1	78.3	5.2	2.3	7.4	85.7	90.3	176.0	8.7	48.7
Northern Territory	18.1	27.5	*	*	*	28.7	22.1	50.8	*	56.5
Australian Capital Territory	41.1	64.1	1.9	1.8	3.7	67.9	36.3	104.1	5.5	65.2
Australia	1,794.1	2,953.6	175.3	88.3	263.6	3,217.2	3,222.9	6,440.1	8.2	50.0
PERSONS										
New South Wales	2,035.3	2,507.2	168.3	38.8	207.1	2,714.3	1,700.0	4,414.3	7.6	61.5
Victoria	1,551.6	1,940.6	99.1	34.4	133.4	2,074.1	1,247.0	3,321.1	6.4	62.5
Queensland	933.0	1,174.9	81.5	22.7	104.2	1,279.1	766.8	2,045.9	8.1	62.5
South Australia	470.5	611.7	47.8	9.3	57.1	668.8	429.6	1,098.3	8.5	60.9
Western Australia	547.3	689.1	48.6	12.1	60.8	749.9	405.5	1,155.4	8.1	64.9
Tasmania	153.8	197.2	14.1	3.2	17.2	214.4	131.7	346.1	8.0	61.9
Northern Territory	54.4	66.0	4.7	*	5.1	71.1	35.3	106.4	7.2	66.8
Australian Capital Territory	108.4	139.5	4.5	2.4	6.9	146.4	55.2	201.6	4.7	72.6
Australia	5,854.3	7,326.1	468.6	123.3	591.9	7,918.0	4,771.1	12,689.1	7.5	62.4

TABLE 6. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:  
STATE CAPITAL CITIES(a), MAY 1988

Capital city	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work	Total					
MALES										
Sydney	873.7	937.8	62.6	7.1	69.7	1,007.4	339.8	1,347.2	6.9	74.8
Melbourne	769.6	826.0	37.0	7.0	44.0	870.1	288.8	1,158.8	5.1	75.1
Brisbane	297.1	320.4	18.1	*	20.7	341.1	114.1	455.2	6.1	74.9
Adelaide	234.0	253.7	24.2	*	25.5	279.3	109.5	388.8	9.1	71.8
Perth	262.1	283.6	22.5	*	24.7	308.3	96.1	404.3	8.0	76.2
Hobart	44.9	47.2	3.3	*	4.0	51.2	17.2	68.4	7.8	74.9
Total	2,481.4	2,668.7	167.6	21.0	188.6	2,857.3	965.5	3,822.8	6.6	74.7
FEMALES										
Sydney	445.8	663.9	33.2	17.1	50.3	714.2	706.3	1,420.5	7.0	50.3
Melbourne	366.3	577.4	24.1	17.7	41.8	619.3	594.9	1,214.2	6.8	51.0
Brisbane	137.2	223.2	11.7	8.3	20.0	243.2	243.3	486.5	8.2	50.0
Adelaide	109.0	190.2	10.4	5.1	15.5	205.7	211.5	417.1	7.5	49.3
Perth	122.4	202.5	12.9	7.4	20.3	222.8	206.1	428.8	9.1	51.9
Hobart	19.2	35.2	2.3	*	3.0	38.1	34.9	73.1	7.8	52.2
Total	1,199.9	1,892.4	94.6	56.3	150.9	2,043.2	1,997.0	4,040.3	7.4	50.6
PERSONS										
Sydney	1,319.5	1,601.6	95.7	24.2	119.9	1,721.6	1,046.1	2,767.7	7.0	62.2
Melbourne	1,135.8	1,403.5	61.2	24.7	85.9	1,489.3	883.7	2,373.0	5.8	62.8
Brisbane	434.3	543.6	29.8	10.9	40.7	584.3	357.4	941.7	7.0	62.0
Adelaide	343.0	443.9	34.5	6.5	41.0	484.9	321.0	806.0	8.5	60.2
Perth	384.5	486.0	35.4	9.6	45.0	531.0	302.2	833.2	8.5	63.7
Hobart	64.1	82.4	5.6	1.4	7.0	89.4	52.1	141.5	7.8	63.2
Total	3,681.3	4,561.1	262.2	77.3	339.5	4,900.6	2,962.5	7,863.1	6.9	62.3

(a) Consists of capital city statistical divisions. See Explanatory Notes.

TABLE 7. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:  
AUSTRALIAN CAPITAL TERRITORY, MAY 1988

	Persons						
	Males	Females		Aged 15-19	Aged 20-24	Aged 25 and over	Total
		Married	Total				
	- '000 -						
Employed	75.3	40.1	64.1	11.9	18.6	108.9	139.5
Full-time workers	67.3	25.3	41.1	4.2	15.4	88.8	108.4
Part-time workers	8.1	14.9	23.1	7.7	3.3	20.1	31.1
Unemployed	3.2	*	3.7	2.9	*	3.2	6.9
Looking for full-time work	2.6	*	1.9	1.5	*	2.3	4.5
Looking for part-time work	*	*	1.8	1.5	*	*	2.4
Labour force	78.6	41.3	67.9	14.8	19.4	112.2	146.4
Not in labour force	18.9	20.3	36.3	10.7	3.6	40.9	55.2
Aged 15-19 attending school (a)	5.2	*	4.1	9.3	..	..	9.3
Civilian population*	97.5	61.7	104.1	25.5	23.1	153.0	201.6
	- per cent -						
Unemployment rate	4.1	*	5.5	19.7	*	2.9	4.7
Looking for full-time work	3.7	*	4.5	25.9	*	2.5	4.0
Participation rate	80.6	67.0	65.2	58.1	84.2	73.3	72.6
Employment/population ratio	77.3	65.1	61.6	46.6	80.8	71.2	69.2
	- number -						
Average weekly hours worked by employed persons	36.6	28.6	28.2	18.9	30.1	34.7	32.7
Average duration of unemployment (weeks)	13.6	*	20.7	15.8	*	19.4	17.4

(a) Excludes persons in institutions such as hospitals, gaols, sanatoriums, etc. See Explanatory Notes.

TABLE 8. CIVILIAN LABOUR FORCE, STATES: SEASONALLY ADJUSTED SERIES

Month	Males					Females					Persons				
	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate
	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -
NEW SOUTH WALES															
1987 -															
April	1,456.8	135.6	1,592.4	8.5	74.9	948.7	98.6	1,047.3	9.4	47.6	2,405.5	234.2	2,639.7	8.9	61.0
May	1,447.9	135.6	1,583.5	8.6	74.3	951.1	99.2	1,050.3	9.4	47.7	2,399.0	234.7	2,633.8	8.9	60.8
June	1,456.7	136.5	1,593.3	8.6	74.6	959.7	95.8	1,055.5	9.1	47.8	2,416.4	232.3	2,648.8	8.8	61.0
July	1,463.5	144.3	1,607.8	9.0	75.2	965.7	99.8	1,065.5	9.4	48.2	2,429.2	244.0	2,673.2	9.1	61.5
August	1,459.1	133.1	1,592.3	8.4	74.3	960.0	98.7	1,058.7	9.3	47.8	2,419.1	231.9	2,651.0	8.7	60.9
September	1,468.0	134.3	1,602.2	8.4	74.7	967.8	91.6	1,059.3	8.6	47.8	2,435.7	225.8	2,661.6	8.5	61.0
October	1,471.0	134.2	1,605.1	8.4	74.7	976.4	95.1	1,071.5	8.9	48.3	2,447.3	229.3	2,676.6	8.6	61.3
November	1,476.2	127.1	1,603.3	7.9	74.5	962.9	98.4	1,061.3	9.3	47.7	2,439.1	225.5	2,664.6	8.5	60.9
December	1,491.0	121.7	1,612.7	7.5	74.8	988.6	92.8	1,081.4	8.6	48.5	2,479.6	214.5	2,694.1	8.0	61.5
1988 -															
January	1,506.1	119.4	1,625.5	7.3	75.3	1,018.7	86.8	1,105.5	7.9	49.5	2,524.8	206.2	2,731.0	7.6	62.2
February	1,501.4	111.2	1,612.6	6.9	74.6	1,009.2	81.1	1,090.3	7.4	48.8	2,510.6	192.3	2,702.9	7.1	61.5
March	1,509.5	117.7	1,627.1	7.2	75.2	1,019.9	83.5	1,103.4	7.6	49.3	2,529.4	201.2	2,730.6	7.4	62.0
April	1,506.9	128.3	1,635.1	7.8	75.4	1,027.6	93.1	1,120.7	8.3	50.0	2,534.5	221.4	2,755.9	8.0	62.5
May	1,495.2	117.8	1,613.0	7.3	74.3	1,010.6	89.3	1,100.0	8.1	49.0	2,505.9	207.1	2,713.0	7.6	61.5
VICTORIA															
1987 -															
April	1,148.7	71.5	1,220.2	5.9	76.2	773.1	63.3	836.4	7.6	50.3	1,921.8	134.7	2,056.6	6.6	63.0
May	1,150.2	74.2	1,224.4	6.1	76.4	778.3	57.7	836.0	6.9	50.2	1,928.5	132.0	2,060.4	6.4	63.0
June	1,159.6	69.7	1,229.3	5.7	76.5	774.3	52.5	826.9	6.4	49.6	1,933.9	122.2	2,056.1	5.9	62.8
July	1,160.2	66.9	1,227.1	5.5	76.3	777.5	57.4	834.9	6.9	50.0	1,937.6	124.4	2,062.0	6.0	62.9
August	1,157.8	68.0	1,225.8	5.5	76.1	782.9	64.6	847.5	7.6	50.7	1,940.7	132.6	2,073.3	6.4	63.1
September	1,135.3	63.0	1,198.3	5.3	74.3	778.7	52.9	831.5	6.4	49.6	1,914.0	115.8	2,029.8	5.7	61.7
October	1,146.0	71.2	1,217.1	5.8	75.4	779.1	56.6	835.6	6.8	49.8	1,925.1	127.7	2,052.8	6.2	62.3
November	1,142.3	69.2	1,211.5	5.7	74.9	782.3	56.9	839.1	6.8	49.9	1,924.6	126.0	2,050.6	6.1	62.2
December	1,156.8	68.3	1,225.1	5.6	75.6	785.3	58.8	844.2	7.0	50.2	1,942.1	127.1	2,069.2	6.1	62.7
1988 -															
January	1,167.0	66.9	1,233.8	5.4	76.1	783.7	61.4	845.1	7.3	50.2	1,950.7	128.3	2,079.0	6.2	62.9
February	1,161.5	66.1	1,227.6	5.4	75.6	779.3	58.0	837.3	6.9	49.6	1,940.8	124.1	2,064.9	6.0	62.4
March	1,162.4	63.3	1,225.7	5.2	75.4	781.6	62.3	844.0	7.4	50.0	1,944.0	125.7	2,069.7	6.1	62.4
April	1,177.3	73.3	1,250.6	5.9	76.8	784.1	66.3	850.4	7.8	50.3	1,961.4	139.7	2,101.1	6.6	63.3
May	1,162.9	69.6	1,232.5	5.6	75.6	776.9	67.8	844.8	8.0	49.9	1,939.9	137.4	2,077.3	6.6	62.5
QUEENSLAND															
1987 -															
April	675.9	72.0	747.8	9.6	76.1	436.7	50.5	487.1	10.4	48.5	1,112.5	122.4	1,234.9	9.9	62.2
May	676.8	72.4	749.2	9.7	76.1	430.8	50.1	480.9	10.4	47.8	1,107.5	122.6	1,230.1	10.0	61.8
June	674.5	70.5	745.0	9.5	75.5	431.1	50.2	481.3	10.4	47.7	1,105.6	120.7	1,226.3	9.8	61.5
July	679.8	69.0	748.9	9.2	75.8	434.2	48.9	483.1	10.1	47.8	1,114.0	117.9	1,231.9	9.6	61.6
August	679.8	69.0	748.8	9.2	75.6	433.8	50.2	484.1	10.4	47.8	1,113.6	119.3	1,232.8	9.7	61.6
September	676.2	68.5	744.7	9.2	75.1	432.4	51.6	484.0	10.7	47.7	1,108.6	120.1	1,228.7	9.8	61.2
October	675.8	71.3	747.0	9.5	75.2	437.8	49.4	487.3	10.1	47.9	1,113.6	120.7	1,234.3	9.8	61.4
November	676.1	70.5	746.5	9.4	75.0	440.0	45.9	485.9	9.4	47.7	1,116.0	116.4	1,232.4	9.4	61.2
December	686.4	69.2	755.6	9.2	75.7	439.8	50.3	490.1	10.3	48.0	1,126.2	119.5	1,245.7	9.6	61.7
1988 -															
January	683.7	68.4	752.0	9.1	75.2	444.6	57.1	501.7	11.4	49.1	1,128.3	125.4	1,253.8	10.0	62.0
February	687.9	65.1	753.0	8.6	75.2	446.3	47.6	493.9	9.6	48.2	1,134.2	112.7	1,246.9	9.0	61.5
March	699.7	62.6	762.3	8.2	75.9	444.9	50.7	495.7	10.2	48.3	1,144.6	113.4	1,258.0	9.0	61.9
April	708.1	63.4	771.5	8.2	76.6	453.7	51.1	504.7	10.1	48.9	1,161.7	114.5	1,276.2	9.0	62.6
May	712.9	55.2	768.1	7.2	76.0	460.0	47.1	507.0	9.3	49.0	1,172.9	102.3	1,275.2	8.0	62.3

TABLE 8. CIVILIAN LABOUR FORCE, STATES: SEASONALLY ADJUSTED SERIES — continued

Month	Males					Females					Persons				
	Employed	Unemployed	Labour force	Unemployment rate	Participation rate	Employed	Unemployed	Labour force	Unemployment rate	Participation rate	Employed	Unemployed	Labour force	Unemployment rate	Participation rate
	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -
SOUTH AUSTRALIA															
1987 -															
April	358.0	34.2	392.2	8.7	74.0	243.1	27.4	270.5	10.1	48.9	601.1	61.6	662.7	9.3	61.1
May	357.6	34.7	392.3	8.9	73.9	242.7	25.7	268.4	9.6	48.4	600.3	60.4	660.7	9.1	60.9
June	357.3	34.6	391.8	8.8	73.7	244.3	24.9	269.2	9.3	48.5	601.5	59.5	661.0	9.0	60.9
July	361.0	35.4	396.4	8.9	74.5	242.0	25.7	267.7	9.6	48.2	603.0	61.1	664.1	9.2	61.1
August	360.7	34.6	395.3	8.7	74.3	241.8	27.6	269.4	10.3	48.5	602.6	62.2	664.8	9.4	61.1
September	361.4	30.4	391.8	7.8	73.6	241.8	22.3	264.1	8.4	47.5	603.1	52.7	655.9	8.0	60.2
October	359.7	33.4	393.1	8.5	73.7	243.0	25.0	268.0	9.3	48.1	602.7	58.4	661.1	8.8	60.7
November	356.3	36.1	392.4	9.2	73.5	241.7	23.8	265.4	9.0	47.6	598.0	59.8	657.8	9.1	60.3
December	358.6	33.7	392.3	8.6	73.4	244.9	24.1	269.1	9.0	48.2	603.5	57.8	661.3	8.7	60.6
1988 -															
January	356.0	34.3	390.4	8.8	73.0	251.2	23.5	274.7	8.6	49.2	607.2	57.8	665.0	8.7	60.9
February	351.5	34.5	386.0	8.9	72.1	248.4	26.5	274.9	9.6	49.2	599.9	61.0	660.9	9.2	60.4
March	357.4	33.0	390.4	8.5	72.9	253.3	23.8	277.0	8.6	49.5	610.6	56.8	667.4	8.5	61.0
April	355.3	36.4	391.7	9.3	73.0	252.3	25.6	277.9	9.2	49.6	607.6	62.0	669.6	9.3	61.1
May	355.8	36.2	392.0	9.2	72.9	254.1	23.4	277.4	8.4	49.5	609.9	59.5	669.4	8.9	60.9
WESTERN AUSTRALIA															
1987 -															
April	394.8	32.6	427.4	7.6	76.7	259.4	25.2	284.6	8.9	51.1	654.2	57.8	712.0	8.1	63.9
May	396.0	32.3	428.3	7.5	76.7	258.0	23.6	281.6	8.4	50.4	654.1	55.8	709.9	7.9	63.5
June	404.1	32.7	436.8	7.5	77.9	261.4	23.0	284.3	8.1	50.7	665.5	55.7	721.1	7.7	64.3
July	411.8	32.9	444.7	7.4	79.2	261.1	24.1	285.2	8.4	50.7	672.9	57.0	729.9	7.8	64.9
August	409.8	32.6	442.3	7.4	78.5	260.9	22.7	283.6	8.0	50.3	670.7	55.3	725.9	7.6	64.4
September	408.4	30.7	439.1	7.0	77.8	265.4	22.3	287.7	7.8	50.9	673.8	53.0	726.8	7.3	64.3
October	414.4	32.2	446.6	7.2	78.9	265.5	24.2	289.7	8.3	51.1	679.9	56.4	736.3	7.7	65.0
November	409.7	31.0	440.7	7.0	77.7	266.4	23.4	289.8	8.1	51.0	676.1	54.4	730.6	7.5	64.4
December	408.6	31.9	440.5	7.2	77.4	269.6	24.1	293.7	8.2	51.6	678.2	56.0	734.2	7.6	64.5
1988 -															
January	409.5	31.0	440.5	7.0	77.3	271.8	27.1	298.9	9.1	52.4	681.3	58.1	739.4	7.9	64.8
February	414.2	32.8	447.0	7.3	78.2	268.9	23.8	292.7	8.1	51.2	683.1	56.7	739.7	7.7	64.7
March	415.7	31.6	447.2	7.1	78.0	274.1	25.1	299.2	8.4	52.2	689.8	56.7	746.5	7.6	65.1
April	415.9	35.0	450.9	7.8	78.4	269.0	25.9	294.8	8.8	51.2	684.8	60.9	745.7	8.2	64.8
May	415.3	34.0	449.4	7.6	77.8	272.2	26.6	298.8	8.9	51.7	687.6	60.6	748.2	8.1	64.8
TASMANIA															
1987 -															
April	114.7	10.9	125.7	8.7	74.3	71.7	7.7	79.4	9.7	45.4	186.4	18.6	205.0	9.1	59.6
May	113.2	12.5	125.7	10.0	74.2	69.5	7.9	77.5	10.2	44.2	182.7	20.4	203.1	10.1	59.0
June	114.3	11.8	126.1	9.3	74.4	71.2	8.6	79.9	10.8	45.6	185.5	20.4	205.9	9.9	59.7
July	113.8	11.0	124.8	8.8	73.6	71.4	9.5	80.9	11.8	46.1	185.2	20.5	205.8	10.0	59.6
August	114.1	11.1	125.2	8.9	73.8	72.3	8.0	80.3	9.9	45.7	186.4	19.1	205.5	9.3	59.5
September	113.6	11.3	124.9	9.0	73.5	72.0	7.7	79.7	9.6	45.3	185.6	18.9	204.5	9.3	59.2
October	114.5	10.7	125.2	8.5	73.7	71.9	6.8	78.6	8.6	44.7	186.4	17.4	203.8	8.6	59.0
November	113.7	11.9	125.6	9.5	73.9	74.5	6.8	81.3	8.4	46.2	188.2	18.8	207.0	9.1	59.8
December	116.5	11.2	127.7	8.8	75.1	76.6	7.4	84.0	8.8	47.7	193.1	18.6	211.7	8.8	61.2
1988 -															
January	117.0	11.2	128.2	8.8	75.4	76.5	7.9	84.4	9.3	47.9	193.5	19.1	212.7	9.0	61.4
February	115.3	11.7	127.0	9.2	74.6	75.8	8.9	84.7	10.5	48.1	191.0	20.6	211.6	9.7	61.1
March	116.7	12.0	128.7	9.3	75.6	76.0	9.2	85.2	10.8	48.3	192.7	21.2	214.0	9.9	61.7
April	117.9	11.2	129.1	8.7	75.9	77.1	9.1	86.3	10.6	49.0	195.0	20.3	215.4	9.4	62.2
May	118.9	10.1	129.0	7.9	75.9	77.1	7.5	84.6	8.9	48.1	195.9	17.7	213.6	8.3	61.7

TABLE 9. CIVILIAN LABOUR FORCE, STATES: TREND SERIES

Month	Males					Females					Persons				
	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate
	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -
NEW SOUTH WALES															
1987 -															
April	1,451.3	137.8	1,589.1	8.7	74.7	948.1	96.7	1,044.7	9.3	47.5	2,399.4	234.5	2,633.8	8.9	60.9
May	1,453.8	137.4	1,591.2	8.6	74.7	953.1	97.9	1,050.9	9.3	47.7	2,406.9	235.3	2,642.1	8.9	61.0
June	1,456.3	137.5	1,593.8	8.6	74.6	957.6	98.2	1,055.7	9.3	47.9	2,413.9	235.7	2,649.6	8.9	61.0
July	1,458.8	137.5	1,596.3	8.6	74.6	960.7	97.9	1,058.6	9.2	47.9	2,419.5	235.4	2,654.9	8.9	61.1
August	1,462.1	136.7	1,598.8	8.6	74.7	963.2	97.4	1,060.6	9.2	47.9	2,425.3	234.1	2,659.4	8.8	61.1
September	1,467.0	134.6	1,601.6	8.4	74.7	966.6	96.6	1,063.2	9.1	48.0	2,433.6	231.2	2,664.8	8.7	61.1
October	1,473.6	130.9	1,604.5	8.2	74.7	972.1	95.2	1,067.3	8.9	48.1	2,445.8	226.1	2,671.8	8.5	61.2
November r	1,481.9	126.5	1,608.3	7.9	74.7	980.7	93.1	1,073.7	8.7	48.3	2,462.5	219.5	2,682.0	8.2	61.3
December r	1,490.2	122.6	1,612.8	7.6	74.8	991.3	90.6	1,081.9	8.4	48.6	2,481.5	213.2	2,694.7	7.9	61.5
1988 -															
January r	1,497.3	120.0	1,617.4	7.4	74.9	1,002.0	88.6	1,090.5	8.1	48.9	2,499.3	208.6	2,707.9	7.7	61.7
February r	1,502.2	118.8	1,620.9	7.3	75.0	1,010.9	87.2	1,098.1	7.9	49.1	2,513.0	206.0	2,719.0	7.6	61.9
March r	1,504.8	118.5	1,623.3	7.3	75.0	1,017.3	86.7	1,104.0	7.8	49.3	2,522.2	205.1	2,727.3	7.5	62.0
April r	1,505.9	118.8	1,624.7	7.3	74.9	1,021.6	86.7	1,108.3	7.8	49.5	2,527.6	205.5	2,733.1	7.5	62.0
May	1,505.7	119.6	1,625.3	7.4	74.9	1,024.5	87.2	1,111.7	7.8	49.6	2,530.2	206.8	2,737.0	7.6	62.0
VICTORIA															
1987 -															
April	1,150.6	71.2	1,221.8	5.8	76.3	771.6	61.2	832.8	7.3	50.1	1,922.2	132.4	2,054.6	6.4	63.0
May	1,154.3	70.4	1,224.7	5.7	76.4	774.8	59.6	834.3	7.1	50.1	1,929.1	130.0	2,059.1	6.3	63.0
June	1,155.4	69.5	1,224.9	5.7	76.3	777.0	58.2	835.2	7.0	50.1	1,932.4	127.7	2,060.0	6.2	62.9
July	1,153.8	68.6	1,222.3	5.6	76.0	778.5	57.2	835.7	6.8	50.0	1,932.2	125.8	2,058.0	6.1	62.8
August	1,150.8	67.9	1,218.6	5.6	75.7	779.6	56.8	836.4	6.8	50.0	1,930.3	124.7	2,055.0	6.1	62.6
September	1,148.2	67.6	1,215.8	5.6	75.4	780.5	56.9	837.4	6.8	50.0	1,928.7	124.5	2,053.2	6.1	62.4
October	1,147.3	67.6	1,214.9	5.6	75.2	781.3	57.2	838.5	6.8	50.0	1,928.6	124.8	2,053.5	6.1	62.4
November r	1,149.1	67.6	1,216.7	5.6	75.2	782.1	57.5	839.6	6.8	50.0	1,931.2	125.1	2,056.3	6.1	62.4
December r	1,153.4	67.6	1,221.0	5.5	75.4	782.6	58.1	840.7	6.9	50.0	1,936.0	125.7	2,061.7	6.1	62.4
1988 -															
January r	1,158.9	67.4	1,226.3	5.5	75.6	782.5	59.4	841.9	7.1	50.0	1,941.4	126.8	2,068.2	6.1	62.6
February r	1,163.5	67.4	1,230.9	5.5	75.8	782.2	61.2	843.4	7.3	50.0	1,945.7	128.6	2,074.3	6.2	62.7
March r	1,166.6	67.7	1,234.3	5.5	75.9	781.6	63.0	844.6	7.5	50.0	1,948.2	130.7	2,078.9	6.3	62.7
April r	1,168.6	68.2	1,236.8	5.5	76.0	780.9	64.7	845.5	7.6	50.0	1,949.5	132.9	2,082.3	6.4	62.8
May	1,170.0	69.1	1,239.1	5.6	76.0	780.0	66.2	846.2	7.8	50.0	1,950.0	135.3	2,085.3	6.5	62.8
QUEENSLAND															
1987 -															
April	676.3	71.8	748.2	9.6	76.2	434.3	50.6	484.9	10.4	48.3	1,110.7	122.4	1,233.1	9.9	62.1
May	676.7	71.3	748.0	9.5	76.0	433.1	50.4	483.6	10.4	48.1	1,109.8	121.8	1,231.6	9.9	61.9
June	677.0	70.7	747.6	9.5	75.8	432.5	50.2	482.7	10.4	47.9	1,109.5	120.9	1,230.4	9.8	61.7
July	677.1	70.1	747.2	9.4	75.6	432.5	49.9	482.4	10.3	47.7	1,109.6	120.0	1,229.6	9.8	61.5
August	677.1	69.7	746.8	9.3	75.4	433.3	49.6	483.0	10.3	47.7	1,110.5	119.3	1,229.8	9.7	61.4
September	677.2	69.8	746.9	9.3	75.3	434.9	49.6	484.4	10.2	47.8	1,112.0	119.3	1,231.4	9.7	61.4
October	677.5	69.9	747.4	9.3	75.2	436.7	49.7	486.5	10.2	47.9	1,114.3	119.6	1,233.9	9.7	61.4
November r	678.8	69.8	748.6	9.3	75.2	438.7	50.1	488.8	10.3	48.0	1,117.5	119.9	1,237.4	9.7	61.4
December r	681.7	69.1	750.8	9.2	75.3	440.8	50.5	491.4	10.3	48.2	1,122.6	119.6	1,242.2	9.6	61.6
1988 -															
January r	686.5	67.5	754.0	9.0	75.4	443.4	50.8	494.2	10.3	48.3	1,129.9	118.4	1,248.2	9.5	61.7
February r	692.4	65.5	757.9	8.6	75.7	446.2	50.8	497.1	10.2	48.5	1,138.6	116.3	1,254.9	9.3	61.9
March r	698.5	63.3	761.8	8.3	75.9	449.3	50.5	499.8	10.1	48.7	1,147.8	113.8	1,261.6	9.0	62.1
April r	704.4	61.0	765.4	8.0	76.0	452.4	50.0	502.4	10.0	48.7	1,156.8	111.1	1,267.8	8.8	62.2
May	709.5	59.1	768.6	7.7	76.1	455.2	49.5	504.7	9.8	48.8	1,164.8	108.6	1,273.3	8.5	62.2

TABLE 9. CIVILIAN LABOUR FORCE, STATES: TREND SERIES — continued

Month	Males					Females					Persons				
	Employed	Unemployed	Labour force	Unemployment rate	Participation rate	Employed	Unemployed	Labour force	Unemployment rate	Participation rate	Employed	Unemployed	Labour force	Unemployment rate	Participation rate
	- '000 -	- '000 -		- per cent -		- '000 -	- '000 -		- per cent -		- '000 -	- '000 -		- per cent -	
SOUTH AUSTRALIA															
1987 -															
April	356.5	35.2	391.8	9.0	73.9	243.3	25.4	268.8	9.5	48.5	599.9	60.6	660.5	9.2	60.9
May	357.6	35.0	392.6	8.9	74.0	243.1	25.9	269.0	9.6	48.5	600.7	60.9	661.7	9.2	61.0
June	358.9	34.6	393.5	8.8	74.0	242.8	25.9	268.8	9.7	48.5	601.7	60.5	662.2	9.1	61.0
July	359.9	34.1	394.0	8.7	74.1	242.3	25.7	268.0	9.6	48.3	602.2	59.8	662.0	9.0	60.9
August	360.4	33.7	394.1	8.6	74.0	242.0	25.2	267.2	9.4	48.1	602.3	58.9	661.3	8.9	60.8
September	360.2	33.6	393.8	8.5	73.9	242.0	24.7	266.6	9.3	47.9	602.1	58.3	660.5	8.8	60.7
October	359.4	33.7	393.1	8.6	73.7	242.6	24.3	266.9	9.1	47.9	602.0	58.0	659.9	8.8	60.6
November r	358.2	33.8	392.0	8.6	73.4	243.9	24.2	268.1	9.0	48.1	602.1	57.9	660.0	8.8	60.5
December r	356.9	34.0	390.9	8.7	73.2	245.8	24.2	270.0	9.0	48.4	602.7	58.2	660.9	8.8	60.5
1988 -															
January r	355.9	34.3	390.2	8.8	73.0	247.9	24.4	272.3	9.0	48.8	603.9	58.7	662.6	8.9	60.6
February r	355.4	34.6	390.0	8.9	72.9	249.9	24.6	274.5	9.0	49.1	605.3	59.2	664.5	8.9	60.7
March r	355.2	34.8	390.0	8.9	72.8	251.6	24.7	276.3	8.9	49.4	606.8	59.5	666.3	8.9	60.9
April r	355.2	35.1	390.3	9.0	72.7	253.1	24.6	277.6	8.9	49.6	608.2	59.7	667.9	8.9	60.9
May	355.3	35.4	390.7	9.1	72.7	254.2	24.5	278.7	8.8	49.7	609.5	60.0	669.5	9.0	61.0
WESTERN AUSTRALIA															
1987 -															
April	395.8	31.8	427.6	7.4	76.8	260.3	24.5	284.8	8.6	51.1	656.1	56.3	712.4	7.9	63.9
May	399.6	32.1	431.7	7.4	77.3	260.1	24.2	284.3	8.5	50.9	659.7	56.3	716.1	7.9	64.1
June	403.6	32.4	436.0	7.4	77.8	260.3	23.7	284.0	8.4	50.7	663.9	56.1	720.0	7.8	64.2
July	407.1	32.5	439.6	7.4	78.2	260.9	23.3	284.2	8.2	50.5	668.0	55.7	723.8	7.7	64.4
August	409.6	32.2	441.8	7.3	78.4	262.3	23.0	285.3	8.1	50.6	671.8	55.3	727.1	7.6	64.5
September	410.7	31.9	442.6	7.2	78.4	264.0	23.1	287.1	8.1	50.8	674.7	55.0	729.7	7.5	64.6
October	410.9	31.6	442.4	7.1	78.2	265.7	23.5	289.3	8.1	51.1	676.6	55.1	731.7	7.5	64.6
November r	410.7	31.4	442.1	7.1	77.9	267.5	24.0	291.4	8.2	51.3	678.1	55.4	733.5	7.5	64.6
December r	410.8	31.5	442.3	7.1	77.8	268.9	24.4	293.4	8.3	51.5	679.8	55.9	735.7	7.6	64.6
1988 -															
January r	411.6	31.8	443.5	7.2	77.8	270.0	24.9	294.9	8.4	51.7	681.7	56.7	738.4	7.7	64.7
February r	412.8	32.3	445.2	7.3	77.9	270.8	25.2	296.0	8.5	51.7	683.6	57.5	741.1	7.8	64.8
March r	414.1	32.9	447.0	7.4	78.0	271.3	25.5	296.8	8.6	51.7	685.4	58.4	743.7	7.9	64.9
April r	415.2	33.4	448.6	7.5	78.0	271.7	25.8	297.4	8.7	51.7	686.8	59.2	746.0	7.9	64.8
May	416.3	34.0	450.3	7.6	78.0	271.8	26.1	297.9	8.8	51.6	688.1	60.1	748.2	8.0	64.8
TASMANIA															
1987 -															
April	114.2	11.8	126.0	9.4	74.5	71.1	8.0	79.1	10.1	45.2	185.2	19.8	205.0	9.7	59.6
May	114.1	11.7	125.8	9.3	74.3	70.9	8.3	79.2	10.4	45.2	185.0	20.0	205.0	9.7	59.5
June	113.9	11.5	125.5	9.2	74.1	70.9	8.4	79.4	10.6	45.3	184.9	20.0	204.8	9.7	59.4
July	113.8	11.4	125.2	9.1	73.8	71.2	8.4	79.5	10.5	45.3	185.0	19.8	204.7	9.6	59.3
August	113.8	11.2	125.1	9.0	73.7	71.7	8.1	79.7	10.1	45.4	185.5	19.3	204.8	9.4	59.3
September	114.0	11.2	125.2	8.9	73.7	72.4	7.7	80.1	9.6	45.6	186.5	18.8	205.3	9.2	59.4
October	114.4	11.2	125.6	8.9	73.9	73.4	7.3	80.7	9.1	45.9	187.8	18.5	206.3	9.0	59.7
November r	114.9	11.3	126.1	9.0	74.2	74.3	7.3	81.6	8.9	46.4	189.2	18.6	207.7	8.9	60.1
December r	115.4	11.5	126.8	9.0	74.5	75.2	7.5	82.7	9.1	47.0	190.6	19.0	209.6	9.1	60.5
1988 -															
January r	116.0	11.5	127.5	9.0	74.9	75.9	8.0	83.9	9.5	47.6	191.8	19.5	211.3	9.2	61.0
February r	116.5	11.5	128.0	9.0	75.2	76.3	8.4	84.7	9.9	48.1	192.9	19.9	212.7	9.3	61.4
March r	117.1	11.4	128.5	8.8	75.4	76.6	8.6	85.3	10.1	48.4	193.7	20.0	213.7	9.4	61.7
April r	117.6	11.2	128.8	8.7	75.7	76.9	8.8	85.6	10.2	48.6	194.5	19.9	214.5	9.3	61.9
May	118.2	10.9	129.1	8.5	75.9	76.9	8.7	85.7	10.2	48.7	195.1	19.7	214.8	9.2	62.1

TABLE 10. CIVILIAN LABOUR FORCE, BY AGE, MAY 1988

Age group	Number ('000)					Participation rate (per cent)				
	Males					Females				
	Males	Married	Not married	Total	Persons	Males	Married	Not married	Total	Persons
15-64	4,634.0	1,893.2	1,298.9	3,192.1	7,826.1	84.2	55.8	64.3	59.0	71.7
15-19	415.8	15.0	381.7	396.7	812.5	58.6	59.2	57.8	57.9	58.2
20-24	598.4	149.0	342.5	491.5	1,089.9	90.6	64.8	81.8	75.8	83.3
25-34	1,270.2	567.7	281.8	849.4	2,119.6	94.8	58.4	76.0	63.3	79.0
35-44	1,154.4	669.0	154.2	823.2	1,977.6	94.5	68.0	71.8	68.7	81.7
45-54	747.4	375.2	87.9	463.1	1,210.6	88.7	56.5	60.7	57.3	73.3
55-59	272.7	85.9	34.0	119.9	392.6	73.2	31.2	37.9	32.8	53.2
60-64	175.1	31.5	16.7	48.2	223.3	49.4	12.8	14.0	13.2	31.0
65 and over	66.9	15.0	10.1	25.1	91.9	8.9	3.6	1.6	2.4	5.2
Total	4,700.9	1,908.2	1,309.0	3,217.2	7,918.0	75.2	50.1	49.7	50.0	62.4

TABLE 11. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 TO 19: FULL-TIME ATTENDANCE AT SCHOOL OR A TERTIARY EDUCATIONAL INSTITUTION, MAY 1988

	Employed		Unemployed		Total	Labour force	Not in labour force	Civilian population aged 15-19	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work						
- '000 -										
- per cent -										
ATTENDING NEITHER SCHOOL NOR A TERTIARY EDUCATIONAL INSTITUTION FULL TIME (a)										
Males	237.7	263.1	49.0	*	50.6	313.7	17.7	331.4	16.1	94.7
Females	186.7	222.2	39.9	*	42.4	264.6	32.1	296.7	16.0	89.2
Persons	424.4	485.3	88.9	4.1	93.0	578.3	49.8	628.1	16.1	92.1
Left school -										
Before 1986	163.1	181.5	32.3	*	33.7	215.2	24.2	239.5	15.7	89.9
1986	138.9	155.9	24.1	*	24.7	180.6	9.3	190.0	13.7	95.1
1987 to survey date	122.4	147.9	32.5	*	34.6	182.5	12.8	195.3	18.9	93.4
Age -										
15	9.3	12.0	4.9	*	5.4	17.4	5.3	22.7	31.1	76.7
16	39.0	45.7	13.4	*	13.8	59.6	4.6	64.2	23.2	92.8
17	89.1	105.2	21.1	*	21.8	127.0	10.1	137.1	17.2	92.7
18	137.5	154.7	25.6	*	27.0	181.6	13.6	195.2	14.8	93.0
19	149.4	167.7	23.9	*	24.9	192.7	16.3	209.0	12.9	92.2
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME										
Males	*	19.5	*	4.3	5.3	24.8	47.8	72.5	21.4	34.1
Females	*	29.0	*	7.5	9.1	38.1	48.5	86.7	23.9	44.0
Persons	4.8	48.5	*	11.8	14.4	62.9	96.3	159.2	22.9	39.5
Left school -										
Before 1986	*	9.0	*	*	*	10.3	8.5	18.8	*	54.9
1986	*	19.5	*	*	4.3	23.8	37.9	61.7	18.1	38.6
1987 to survey date	*	20.0	*	7.5	8.7	28.8	49.9	78.7	30.4	36.6
Age -										
15 and 16	*	*	*	*	*	5.4	9.4	14.8	*	36.4
17	*	6.2	*	*	*	9.0	17.0	26.0	*	34.6
18	*	16.6	*	5.6	6.5	23.1	37.4	60.5	28.2	38.2
19	*	21.8	*	*	*	25.4	32.5	57.8	*	43.8
ATTENDING SCHOOL										
Males	*	59.3	*	14.3	18.0	77.3	228.1	305.4	23.3	25.3
Females	*	77.0	*	14.4	17.0	94.0	208.3	302.2	18.1	31.1
Persons	*	136.3	6.3	28.7	35.0	171.3	436.4	607.7	20.4	28.2
Age -										
15	*	50.8	*	14.0	15.8	66.6	181.4	248.0	23.7	26.9
16	*	49.5	*	10.1	12.4	61.9	150.5	212.3	20.0	29.1
17	*	31.3	*	4.2	6.6	37.9	89.3	127.2	17.3	29.8
18 and 19	*	4.6	*	*	*	5.0	15.2	20.2	*	24.6
TOTAL										
Males	241.6	341.9	53.7	20.2	73.9	415.8	293.6	709.4	17.8	58.6
Females	188.6	328.2	44.1	24.4	68.5	396.7	288.9	685.6	17.3	57.9
Persons	430.2	670.1	97.8	44.6	142.4	812.5	582.5	1,395.0	17.5	58.2
Age -										
15	9.7	63.7	6.6	14.9	21.5	85.2	188.5	273.7	25.2	31.1
16	39.5	98.2	16.2	11.4	27.5	125.7	162.6	288.3	21.9	43.6
17	90.3	142.7	23.8	7.3	31.1	173.9	116.4	290.3	17.9	59.9
18	139.2	175.3	26.6	7.3	33.8	209.1	62.8	271.9	16.2	76.9
19	151.5	190.2	24.7	*	28.5	218.7	52.2	270.8	13.0	80.7

(a) The components of the "Left school" category in the "Not in labour force" column do not add to the total because institutionalised persons are not asked the "school attendance" question.

TABLE 12. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 20-24: FULL-TIME ATTENDANCE AT A TERTIARY EDUCATIONAL INSTITUTION, MAY 1988

	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 20-24	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work	Total					
- '000 -										
NOT ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME										
Males	480.6	506.2	63.1	*	65.2	571.5	24.1	595.6	11.4	96.0
Females	358.2	422.6	36.8	5.8	42.6	465.3	124.7	590.0	9.2	78.9
Persons	838.7	928.9	99.9	8.0	107.9	1,036.8	148.8	1,185.5	10.4	87.5
Age -										
20	154.4	172.3	18.6	*	20.6	192.8	22.4	215.2	10.7	89.6
21	163.3	179.5	20.1	*	21.3	200.9	23.5	224.4	10.6	89.5
22	164.5	182.2	22.4	*	24.4	206.6	28.8	235.5	11.8	87.8
23	174.8	192.8	18.0	*	18.8	211.6	38.2	249.8	8.9	84.7
24	181.7	202.1	20.9	*	22.8	224.8	35.8	260.6	10.1	86.3
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME										
Males	4.4	22.9	*	*	4.0	26.9	37.9	64.8	14.7	41.5
Females	*	22.9	*	*	*	26.3	32.6	58.8	*	44.7
Persons	5.5	45.8	*	6.4	7.4	53.2	70.5	123.6	13.9	43.0
Age -										
20	*	17.2	*	*	*	20.7	24.0	44.7	*	46.3
21	*	12.4	*	*	*	14.6	18.8	33.5	*	43.7
22	*	9.3	*	*	*	9.7	12.0	21.7	*	44.7
23	*	4.5	*	*	*	5.3	7.8	13.0	*	40.4
24	*	*	*	*	*	*	7.9	10.8	*	*
TOTAL										
Males	484.9	529.2	63.7	5.5	69.2	598.4	62.0	660.4	11.6	90.6
Females	359.3	445.5	37.2	8.9	46.1	491.5	157.2	648.8	9.4	75.8
Persons	844.2	974.7	100.9	14.4	115.3	1,089.9	219.2	1,309.2	10.6	83.3
Age -										
20	155.1	189.5	18.9	5.1	24.0	213.5	46.4	259.9	11.3	82.1
21	165.0	191.9	20.6	*	23.6	215.5	42.4	257.9	10.9	83.6
22	166.5	191.5	22.4	*	24.8	216.3	40.8	257.2	11.5	84.1
23	175.9	197.3	18.1	*	19.5	216.9	45.9	262.8	9.0	82.5
24	181.7	204.4	20.9	*	23.3	227.7	43.7	271.4	10.2	83.9

TABLE 13. LABOUR FORCE PARTICIPATION RATES(a), BY AGE AND BIRTHPLACE, MAY 1988 (per cent)

Age group	Born in Australia			Born outside Australia		
	Males	Females	Persons	Males	Females	Persons
15-64	85.4	60.6	73.0	83.5	55.1	69.7
15-19	62.1	59.5	60.8	47.6	49.1	48.3
20-24	92.0	77.5	84.9	86.6	68.6	77.5
25-34	95.7	63.4	79.5	93.5	63.6	78.4
35-44	95.4	70.8	83.2	93.5	64.3	79.0
45-54	90.2	58.6	74.1	87.0	54.9	72.3
55-59	74.9	33.9	53.7	72.1	31.0	53.3
60-64	50.0	13.9	31.2	49.6	12.0	31.5
65 and over	10.0	2.8	5.9	8.0	2.6	5.1
Total	77.0	52.2	64.3	74.0	47.4	60.9

(a) See the definition of the labour force participation rate in the Explanatory Notes.

TABLE 14. CIVILIAN LABOUR FORCE BY BIRTHPLACE, MAY 1988

	Employed		Unemployed		Labour force	Unemployment rate	Participation rate(a)
	Full-time workers	Total	Looking for full-time work	Total			
			- '000 -			- per cent -	
MALES							
Born in Australia	2,976.2	3,216.0	201.1	228.7	3,444.7	6.6	77.0
Born outside Australia	1,084.0	1,156.6	92.2	99.6	1,256.2	7.9	74.0
Africa	40.8	43.2	*	*	45.1	*	79.4
America	33.8	36.1	*	*	38.7	*	78.9
Asia	168.9	183.0	30.8	32.9	215.9	15.3	74.5
Lebanon	16.1	17.5	7.8	8.1	25.6	31.6	74.8
Vietnam	24.6	25.5	9.6	9.9	35.4	27.9	74.1
Europe	743.1	790.8	49.5	54.1	844.9	6.4	72.2
Germany	37.0	39.3	*	*	41.9	*	78.7
Greece	53.0	56.9	*	*	60.3	*	71.5
Italy	95.1	101.7	4.2	4.5	106.2	4.2	70.0
Malta	21.1	22.4	*	*	24.3	*	70.9
Netherlands	34.8	36.6	*	*	39.1	*	72.7
Poland	16.7	17.2	*	*	19.1	*	49.9
UK and Ireland	367.5	392.4	26.1	27.7	420.1	6.6	74.4
Yugoslavia	52.0	54.0	*	4.5	58.5	7.7	76.1
Oceania	97.2	103.2	7.6	8.0	111.3	7.2	84.5
New Zealand	79.6	84.2	5.9	5.9	90.1	6.5	85.7
MARRIED FEMALES							
Born in Australia	647.8	1,290.1	34.5	69.0	1,359.1	5.1	50.9
Born outside Australia	304.2	510.0	26.9	39.1	549.1	7.1	48.9
Africa	14.0	20.7	*	*	22.6	*	52.2
America	13.5	20.8	*	*	22.0	*	60.5
Asia	62.4	85.3	9.1	12.3	97.6	12.6	49.6
Lebanon	4.2	6.2	*	*	7.6	*	31.9
Vietnam	8.1	9.3	*	*	11.6	*	54.5
Europe	186.9	340.8	12.8	19.4	360.2	5.4	46.6
Germany	10.2	22.2	*	*	23.2	*	50.0
Greece	19.1	27.1	*	*	29.8	*	45.0
Italy	17.6	34.2	*	*	35.2	*	35.5
Malta	*	7.5	*	*	8.3	*	32.2
Netherlands	7.0	14.8	*	*	16.0	*	44.9
Poland	4.3	8.0	*	*	8.8	*	38.7
UK and Ireland	94.7	178.4	6.0	9.3	187.7	4.9	51.5
Yugoslavia	18.0	24.2	*	*	25.7	*	50.4
Oceania	27.4	42.4	*	4.3	46.7	9.2	62.7
New Zealand	23.2	35.5	*	*	38.9	*	65.0
ALL FEMALES							
Born in Australia	1,337.4	2,243.5	125.1	194.9	2,438.3	8.0	52.2
Born outside Australia	456.7	710.1	50.2	68.7	778.8	8.8	47.4
Africa	20.2	28.7	*	*	31.5	*	49.7
America	20.3	29.5	*	*	31.4	*	58.8
Asia	90.8	122.3	16.4	21.8	144.0	15.1	48.2
Lebanon	5.7	8.2	*	*	11.0	*	36.1
Vietnam	12.9	14.6	5.7	6.3	20.9	30.3	53.1
Europe	271.6	454.0	22.8	32.2	486.2	6.6	44.4
Germany	14.7	29.2	*	*	30.8	*	47.5
Greece	21.5	30.3	*	*	33.8	*	41.7
Italy	22.7	41.4	*	*	43.2	*	34.6
Malta	*	9.9	*	*	10.8	*	33.4
Netherlands	9.4	18.0	*	*	19.3	*	40.7
Poland	6.9	10.8	*	*	11.7	*	33.7
UK and Ireland	150.4	253.5	13.2	17.9	271.4	6.6	49.1
Yugoslavia	22.4	28.9	*	*	31.0	*	48.0
Oceania	53.7	75.7	7.9	9.9	85.6	11.6	65.4
New Zealand	43.3	61.5	6.3	8.0	69.5	11.5	67.9
PERSONS							
Born in Australia	4,313.6	5,459.4	326.2	423.6	5,883.0	7.2	64.3
Born outside Australia	1,540.7	1,866.7	142.4	168.3	2,035.0	8.3	60.9
Africa	61.0	71.9	*	4.7	76.6	6.2	63.8
America	54.1	65.6	*	4.6	70.2	6.5	68.4
Asia	259.7	305.2	47.1	54.7	359.9	15.2	61.1
Lebanon	21.9	25.7	10.1	10.9	36.6	29.7	56.5
Vietnam	37.5	40.1	15.3	16.2	56.3	28.8	64.6
Europe	1,014.7	1,244.8	72.4	86.4	1,331.1	6.5	58.8
Germany	51.7	68.5	*	4.2	72.8	5.8	61.6
Greece	74.5	87.2	5.8	6.9	94.1	7.3	56.9
Italy	117.8	143.1	5.0	6.2	149.4	4.2	54.0
Malta	24.8	32.3	*	*	35.0	*	52.7
Netherlands	44.2	54.6	*	*	58.4	*	57.7
Poland	23.6	28.0	*	*	30.9	*	42.2
UK and Ireland	517.9	645.9	39.3	45.6	691.5	6.6	61.9
Yugoslavia	74.4	82.9	5.5	6.6	89.5	7.3	63.2
Oceania	150.9	178.9	15.5	18.0	196.9	9.1	75.0
New Zealand	122.8	145.8	12.2	13.9	159.6	8.7	76.9

(a) See the definition of the labour force participation rate in the Explanatory Notes.

TABLE 15. CIVILIAN LABOUR FORCE BORN OUTSIDE AUSTRALIA: BIRTHPLACE AND PERIOD OF ARRIVAL IN AUSTRALIA, MAY 1988

Period of Arrival	Africa	America	Asia	Europe		Oceania		Total			
				U.K. and Ireland	Other count- ries	New Zealand	Total	Females			
								Males	Married	Total	Persons
EMPLOYED ('000)											
Before 1971	26.1	13.8	81.9	401.5	468.6	27.4	33.4	660.6	278.6	365.1	1,025.6
1971 - 1975	11.2	21.6	41.1	101.9	51.8	13.5	19.7	142.2	70.6	105.2	247.4
1976 - 1980	10.5	11.4	57.9	52.5	24.5	33.5	39.8	114.1	57.5	82.3	196.5
1981 - 1985	13.1	10.8	81.8	58.0	41.9	32.8	41.1	146.4	71.3	100.4	246.8
1986 to survey date	11.0	8.0	42.4	32.0	12.1	38.6	44.9	93.3	32.0	57.2	150.5
UNEMPLOYED ('000)											
Before 1971	*	*	5.9	25.9	27.6	*	*	43.1	13.7	19.8	62.9
1971 - 1975	*	*	6.6	8.4	4.2	*	*	13.9	*	9.5	23.4
1976 - 1980	*	*	9.4	*	*	*	*	10.5	4.0	8.0	18.6
1981 - 1985	*	*	16.0	*	4.8	*	4.2	14.5	8.4	15.3	29.8
1986 to survey date	*	*	16.9	4.3	*	5.3	6.8	17.6	9.5	16.0	33.6
LABOUR FORCE ('000)											
Before 1971	27.2	14.4	87.8	427.4	496.2	28.6	35.3	703.6	292.4	384.9	1,088.6
1971 - 1975	12.0	23.2	47.7	110.3	56.0	14.9	21.5	156.1	74.2	114.6	270.7
1976 - 1980	10.6	12.1	67.3	56.2	25.8	35.9	43.1	124.7	61.5	90.4	215.0
1981 - 1985	13.9	11.7	97.8	61.2	46.7	36.3	45.3	160.9	79.6	115.7	276.6
1986 to survey date	13.0	8.8	59.3	36.4	14.9	43.9	51.7	110.9	41.5	73.2	184.1
UNEMPLOYMENT RATE (per cent)											
Before 1971	*	*	6.7	6.1	5.6	*	*	6.1	4.7	5.2	5.8
1971 - 1975	*	*	13.8	7.6	7.6	*	*	8.9	*	8.3	8.6
1976 - 1980	*	*	13.9	*	*	*	*	8.5	6.4	8.9	8.6
1981 - 1985	*	*	16.3	*	10.3	*	9.2	9.0	10.5	13.3	10.8
1986 to survey date	*	*	28.5	11.9	*	12.1	13.1	15.9	22.9	21.9	18.3
PARTICIPATION RATE(a) (per cent)											
Before 1971	57.8	58.4	63.1	56.8	53.4	64.7	65.4	69.3	44.3	41.3	55.9
1971 - 1975	67.1	73.9	61.9	73.8	69.5	78.6	72.1	82.9	56.7	57.9	70.1
1976 - 1980	64.6	69.8	69.6	73.7	58.6	78.4	77.7	83.9	58.4	57.4	70.3
1981 - 1985	73.0	71.9	60.3	68.7	69.3	76.9	75.9	79.5	58.1	54.8	66.9
1986 to survey date	65.3	67.7	52.1	73.4	57.8	85.5	81.3	77.3	45.4	51.4	64.4

(a) See the definition of the labour force participation rate in the Explanatory Notes.

TABLE 16. EMPLOYED PERSONS: FULL-TIME AND PART-TIME WORKERS, BY AGE, MAY 1988 ('000)

	Age group								Total
	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65 and over	
MALES									
Full-time workers	241.6	484.9	1,154.2	1,078.2	686.0	234.4	136.4	44.4	4,060.2
Part-time workers	100.3	44.2	41.9	29.7	30.1	20.3	23.8	22.0	312.3
Total	341.9	529.2	1,196.2	1,107.8	716.2	254.7	160.2	66.5	4,372.6
MARRIED FEMALES									
Full-time workers	8.3	103.7	282.8	310.4	186.0	40.3	15.1	5.6	952.1
Part-time workers	*	32.8	245.3	327.9	170.7	43.5	15.9	9.4	848.0
Total	10.8	136.5	528.1	638.3	356.7	83.8	31.0	15.0	1,800.1
ALL FEMALES									
Full-time workers	188.6	359.3	492.4	410.5	247.3	61.1	25.9	9.0	1,794.1
Part-time workers	139.6	86.2	289.3	363.0	190.0	53.7	21.6	15.9	1,159.5
Total	328.2	445.5	781.7	773.5	437.4	114.8	47.6	24.9	2,953.6
PERSONS									
Full-time workers	430.2	844.2	1,646.6	1,488.7	933.4	295.5	162.3	53.4	5,854.3
Part-time workers	239.9	130.5	331.2	392.7	220.2	74.0	45.4	38.0	1,471.9
Total	670.1	974.7	1,977.9	1,881.4	1,153.6	369.5	207.7	91.4	7,326.1

TABLE 17. HOURS WORKED BY EMPLOYED PERSONS, MAY 1988

	Females				
	Males	Married	Not married	Total	Persons
NUMBER EMPLOYED ('000)					
Weekly hours worked -					
0	189.0	83.4	49.3	132.7	321.7
1-15	186.2	387.9	183.4	571.3	757.5
16-29	242.5	386.5	125.8	512.3	754.8
30-34	374.2	172.7	122.2	294.9	669.1
35-39	758.5	289.9	258.3	548.2	1,306.6
40	889.6	233.8	237.3	471.1	1,360.8
41-44	248.5	61.9	54.8	116.7	365.2
45-48	435.9	58.6	52.2	110.8	546.6
49 and over	1,048.1	125.3	70.3	195.6	1,243.7
Total	4,372.6	1,800.1	1,153.5	2,953.6	7,326.1
WEEKLY HOURS WORKED					
Aggregate weekly hours worked (million)	178.1	50.5	36.0	86.6	264.7
By full-time workers	173.4	37.1	31.7	68.7	242.1
By part-time workers	4.7	13.4	4.4	17.8	22.5
Average weekly hours worked	40.7	28.1	31.2	29.3	36.1
By full-time workers	42.7	38.9	37.6	38.3	41.4
By part-time workers	15.1	15.9	14.1	15.4	15.3
By wage and salary earners	39.1	28.1	31.2	29.4	35.0
By other than wage and salary earners	48.5	28.1	31.6	28.6	42.0
Average weekly hours worked by persons who worked one hour or more in the reference week	42.6	29.4	32.6	30.7	37.8
By full-time workers	44.6	41.0	39.3	40.2	43.3
By part-time workers	15.9	16.6	14.6	16.0	16.0

TABLE 18. EMPLOYED PERSONS: EMPLOYMENT/POPULATION RATIOS BY AGE AND MARITAL STATUS, MAY 1988 (per cent)

Age group	Males			Females			Persons
	Married	Not married	Total	Married	Not married	Total	
15-19	*	48.0	48.2	42.6	48.1	47.9	48.0
20-24	83.2	79.5	80.1	59.3	73.8	68.7	74.4
25-34	92.8	83.3	89.3	54.3	68.4	58.2	73.8
35-44	92.7	81.0	90.7	64.9	62.9	64.5	77.7
45-54	87.1	73.5	85.0	53.7	55.7	54.1	69.8
55-59	71.6	50.7	68.3	30.4	34.6	31.4	50.1
60-64	47.4	35.4	45.2	12.6	13.8	13.0	28.9
65 and over	9.5	6.9	8.9	3.6	1.6	2.4	5.1
Total	74.2	63.2	70.0	47.3	43.8	45.9	57.7

TABLE 19. FULL-TIME WORKERS WHO WORKED LESS THAN 35 HOURS, BY REASON, MAY 1988 ('000)

Reason for working less than 35 hours	Males	Females		Total	Persons
		Married	Not married		
Leave, holiday or flextime	416.2	115.9	107.1	223.0	639.2
Own illness or injury	123.9	39.2	37.1	76.4	200.3
Bad weather, plant breakdown, etc.	20.7	*	*	*	24.0
Began or left job in the reference week	12.5	*	*	5.6	18.1
Stood down, on short time, insufficient work	17.8	4.8	*	7.0	24.8
Shift work, standard work arrangements	65.0	14.3	15.3	29.6	94.6
Other reasons	23.5	4.2	*	6.7	30.3
Total	679.6	182.5	169.1	351.6	1,031.3

TABLE 20. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY AGE, MAY 1988  
('000)

	Age group						
	15-19	20-24	25-34	35-44	45-54	55 and over	Total
MALES							
Total	100.3	44.2	41.9	29.7	30.1	66.1	312.3
Preferred not to work more hours	79.6	29.6	29.5	20.0	23.3	57.1	239.2
Preferred to work more hours	20.6	14.6	12.4	9.6	6.9	9.0	73.1
Had actively looked for full-time work in the four weeks to the end of the reference week	8.8	9.2	9.1	5.0	*	*	38.5
MARRIED FEMALES							
Total	*	32.8	245.3	327.9	170.7	68.8	848.0
Preferred not to work more hours	*	28.6	213.8	293.9	155.4	66.7	760.4
Preferred to work more hours	*	4.2	31.5	34.1	15.2	*	87.6
Had actively looked for full-time work in the four weeks to the end of the reference week	*	*	9.0	5.6	*	*	19.0
ALL FEMALES							
Total	139.6	86.2	289.3	363.0	190.0	91.3	1,159.5
Preferred not to work more hours	110.1	64.0	244.3	320.0	170.7	87.3	996.4
Preferred to work more hours	29.5	22.2	45.0	43.0	19.4	4.1	163.2
Had actively looked for full-time work in the four weeks to the end of the reference week	13.0	13.7	15.6	9.2	*	*	55.4
PERSONS							
Total	239.9	130.5	331.2	392.7	220.2	157.4	1,471.9
Preferred not to work more hours	189.8	93.7	273.8	340.1	193.9	144.4	1,235.6
Preferred to work more hours	50.1	36.8	57.5	52.6	26.2	13.0	236.3
Had actively looked for full-time work in the four weeks to the end of the reference week	21.9	22.9	24.7	14.2	6.6	*	93.9

TABLE 21. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY HOURS WORKED, MAY 1988  
('000)

	Hours worked by persons who worked in the reference week						Persons who did not work in the reference week	Total
	1-5	6-10	11-15	16-20	21-29	30-34		
MALES								
total	49.3	73.4	34.2	43.8	44.7	52.2	14.7	312.3
Preferred not to work more hours	37.4	54.2	28.1	30.5	34.4	42.0	12.6	239.2
Preferred to work more hours	11.9	19.2	6.1	13.3	10.3	10.2	*	73.1
Had actively looked for full-time work in the four weeks to the end of the reference week	5.4	10.9	*	7.7	6.1	5.0	*	38.5
MARRIED FEMALES								
Total	99.7	150.5	128.0	174.3	168.8	90.8	36.1	848.0
Preferred not to work more hours	80.2	130.4	113.5	162.3	156.5	85.4	32.0	760.4
Preferred to work more hours	19.4	20.1	14.5	12.0	12.2	5.3	4.1	87.6
Had actively looked for full-time work in the four weeks to the end of the reference week	4.3	*	4.2	*	*	*	*	19.0
ALL FEMALES								
Total	155.8	228.9	169.5	215.8	216.2	125.4	48.1	1,159.5
Preferred not to work more hours	124.9	195.2	143.7	188.6	189.2	113.5	41.2	996.4
Preferred to work more hours	30.9	33.6	25.8	27.1	27.0	11.9	6.9	163.2
Had actively looked for full-time work in the four weeks to the end of the reference week	7.6	9.5	10.9	11.7	10.1	4.6	*	55.4
PERSONS								
Total	205.1	302.3	203.7	259.5	260.8	177.6	62.8	1,471.9
Preferred not to work more hours	162.3	249.5	171.8	219.1	223.6	155.5	53.8	1,235.6
Preferred to work more hours	42.8	52.8	31.9	40.5	37.3	22.1	9.0	236.3
Had actively looked for full-time work in the four weeks to the end of the reference week	13.0	20.4	14.1	19.5	16.2	9.6	*	93.9

TABLE 22. EMPLOYED PERSONS: INDUSTRY OF FULL-TIME AND PART-TIME WORKERS, MAY 1988  
('000)

Industry division or subdivision	Total							
	Full-time workers		Part-time workers		Females			
	Males	Females	Males	Females	Males	Married	Total	Persons
Agriculture, forestry, fishing & hunting	281.1	54.3	25.9	69.6	307.0	105.0	123.9	430.8
Agriculture & services to agriculture	259.6	53.0	24.1	66.6	283.7	101.6	119.6	403.3
Forestry & logging, fishing & hunting	21.5	*	*	*	23.3	*	4.2	27.5
Mining	85.6	6.3	2.9	*	86.7	5.0	8.3	95.0
Manufacturing	840.6	243.5	22.9	67.4	863.5	208.7	310.9	1,174.4
Food, beverages and tobacco	116.1	37.9	*	10.9	119.7	30.9	48.8	168.5
Metal products	174.8	20.5	*	7.2	178.2	19.9	27.6	205.8
Other manufacturing	549.7	185.1	15.9	49.4	565.6	157.8	234.5	800.1
Electricity, gas and water	105.1	11.3	*	*	105.3	5.8	13.0	118.3
Construction	429.3	24.3	21.3	46.0	450.6	60.1	70.2	520.8
Wholesale and retail trade	745.7	352.1	90.2	322.3	835.9	374.6	674.4	1,510.3
Wholesale trade	304.8	90.3	10.9	42.2	315.6	83.2	132.5	448.2
Retail trade	440.9	261.8	79.3	280.1	520.3	291.4	541.9	1,062.2
Transport and storage	293.5	52.7	13.9	24.2	307.5	48.0	76.9	384.3
Communication	93.7	27.7	*	5.9	95.1	19.8	33.6	128.8
Finance, property and business services	389.4	260.0	30.9	112.0	420.2	208.2	372.0	792.2
Public administration and defence	207.0	111.2	4.1	23.3	211.1	67.1	134.4	345.6
Community services	411.8	506.0	46.4	331.1	458.2	536.6	837.1	1,295.2
Recreation, personal and other services	177.4	144.7	54.1	154.1	231.6	161.2	298.8	530.4
Total	4,060.2	1,794.1	312.3	1,159.5	4,372.6	1,800.1	2,953.6	7,326.1

TABLE 23. EMPLOYED PERSONS: INDUSTRY AND STATUS OF WORKER, MAY 1988  
('000)

Industry division or subdivision	Employers		Self-employed		Wage and salary earners		Total (a)		
	Males	Females	Males	Females	Males	Females	Males	Females	Persons
Agriculture, forestry, fishing & hunting	43.5	19.8	136.0	55.0	113.7	34.8	307.0	123.9	430.8
Agriculture & services to agriculture	39.3	18.9	129.9	54.3	100.9	32.3	283.7	119.6	403.3
Forestry & logging, fishing & hunting	4.2	*	6.1	*	12.8	*	23.3	4.2	27.5
Mining	*	*	*	*	84.7	7.8	86.7	8.3	95.0
Manufacturing	17.6	8.6	25.5	10.9	819.3	290.0	863.5	310.9	1,174.4
Food, beverages and tobacco	*	*	*	*	117.7	47.5	119.7	48.8	168.5
Metal products	4.3	*	5.2	*	168.5	24.6	178.2	27.6	205.8
Other manufacturing	12.5	6.0	19.1	9.9	533.1	217.9	565.6	234.5	800.1
Electricity, gas and water	*	*	*	*	105.0	13.0	105.3	13.0	118.3
Construction	38.2	11.7	115.4	13.5	295.4	40.6	450.6	70.2	520.8
Wholesale and retail trade	81.1	49.2	77.5	55.5	672.4	557.1	835.9	674.4	1,510.3
Wholesale trade	11.9	4.0	17.3	6.9	286.1	118.5	315.6	132.5	448.2
Retail trade	69.2	45.1	60.2	48.6	386.3	438.6	520.3	541.9	1,062.2
Transport and storage	7.9	4.9	44.9	7.8	253.6	61.7	307.5	76.9	384.3
Communication	*	*	*	*	94.8	32.8	95.1	33.6	128.8
Finance, property and business services	32.7	4.2	50.4	23.7	336.6	341.7	420.2	372.0	792.2
Public administration and defence	*	*	*	*	211.1	134.4	211.1	134.4	345.6
Community services	14.2	5.5	8.1	15.2	435.5	816.1	458.2	837.1	1,295.2
Recreation, personal and other services	20.5	20.1	33.7	29.3	176.5	246.4	231.6	298.8	530.4
Total	256.6	124.4	493.2	211.7	3,598.6	2,576.5	4,372.6	2,953.6	7,326.1
Full-time workers	249.0	65.5	441.1	93.2	3,361.9	1,628.8	4,060.2	1,794.1	5,854.3

(a) Includes unpaid family helpers.

TABLE 24. EMPLOYED PERSONS: INDUSTRY, AGE AND BIRTHPLACE, MAY 1988  
('000)

Industry division or subdivision	Age group						Total	Born in	
	15-19	20-24	25-34	35-44	45-54	55 and over		Australia	
								Born in Australia	Born outside Australia
Agriculture, forestry, fishing & hunting	29.5	39.9	79.2	102.6	79.4	100.3	430.8	388.9	41.9
Agriculture & services to agriculture	29.2	36.7	70.6	94.5	74.6	97.7	403.3	364.4	39.0
Forestry & logging, fishing & hunting	*	*	8.7	8.0	4.8	*	27.5	24.5	*
Mining	4.8	11.4	27.0	29.6	16.7	5.4	95.0	74.1	20.9
Manufacturing	95.4	158.8	323.6	301.7	199.4	95.6	1,174.4	739.4	435.0
Food, beverages and tobacco	13.6	24.9	46.4	44.6	29.1	10.0	168.5	123.3	45.2
Metal products	15.4	27.6	62.2	50.3	31.3	19.0	205.8	130.2	75.7
Other manufacturing	66.4	106.2	215.0	206.8	139.0	66.5	800.1	486.0	314.1
Electricity, gas and water	7.8	14.0	29.8	32.8	20.5	13.4	118.3	92.0	26.2
Construction	34.1	65.6	157.8	138.0	81.6	43.8	520.8	368.0	152.7
Wholesale and retail trade	287.1	219.0	343.8	342.2	206.0	112.3	1,510.3	1,164.4	345.9
Wholesale trade	31.0	54.1	120.6	127.2	72.5	42.7	448.2	330.6	117.6
Retail trade	256.0	164.8	223.2	215.0	133.5	69.6	1,062.2	833.8	228.4
Transport and storage	15.9	40.4	117.7	104.7	66.1	39.5	384.3	293.0	91.3
Communication	*	15.7	40.5	37.7	22.3	11.2	128.8	97.4	31.4
Finance, property and business services	64.7	128.5	233.3	201.4	103.9	60.5	792.2	597.3	194.9
Public administration and defence	13.9	45.9	104.1	94.9	53.6	33.3	345.6	269.9	75.6
Community services	46.3	145.5	377.7	383.7	231.2	110.8	1,295.2	975.2	320.0
Recreation, personal and other services	69.3	90.1	143.4	112.1	73.0	42.6	530.4	399.7	130.7
Total	670.1	974.7	1,977.9	1,881.4	1,153.6	668.6	7,326.1	5,459.4	1,866.7

TABLE 25. EMPLOYED PERSONS: INDUSTRY AND HOURS WORKED, MAY 1988

Industry division or subdivision	Hours worked									Total	Average weekly hours worked (hours)
	0	1-15	16-29	30-34	35-39	40	41-44	45-48	49 and over		
	-'000 -										
MALES											
Agriculture, forestry, fishing & hunting	11.8	14.6	17.2	12.7	15.5	36.4	7.6	25.4	165.8	307.0	51.3
Agriculture & services to agriculture	10.6	14.0	14.5	11.0	12.5	32.5	6.6	24.1	158.0	283.7	51.8
Forestry & logging, fishing & hunting	*	*	*	*	*	*	*	*	7.8	23.3	44.5
Mining	*	*	7.9	8.7	18.3	14.8	6.3	6.9	18.5	86.7	40.4
Manufacturing	38.3	13.2	38.9	69.5	191.0	189.9	62.7	105.3	154.8	863.5	40.0
Food, beverages and tobacco	7.5	*	10.0	13.4	18.4	29.9	6.4	14.2	18.4	119.7	38.3
Metal products	8.1	*	8.1	12.4	40.6	38.1	10.4	25.5	33.1	178.2	40.3
Other manufacturing	22.6	9.8	20.8	43.7	132.0	121.8	45.9	65.5	103.3	565.6	40.3
Electricity, gas and water	5.9	*	8.9	20.3	34.4	16.7	6.4	6.4	5.3	105.3	34.8
Construction	15.5	11.2	27.7	42.2	60.4	116.8	23.8	49.1	103.8	450.6	40.8
Wholesale and retail trade	27.1	68.3	32.8	53.3	108.4	179.1	51.9	80.0	235.2	835.9	41.3
Wholesale trade	10.2	7.6	9.3	23.1	55.2	75.4	17.3	36.4	81.1	315.6	41.9
Retail trade	16.9	60.7	23.5	30.2	53.2	103.6	34.5	43.6	154.1	520.3	40.9
Transport and storage	22.6	6.3	14.0	30.7	43.7	64.1	15.4	33.5	77.1	307.5	41.0
Communication	7.0	*	7.9	16.0	29.5	14.3	6.4	6.4	6.3	95.1	34.8
Finance, property and business services	13.8	16.9	23.3	31.4	69.7	84.6	21.7	46.4	112.3	420.2	41.0
Public administration and defence	11.8	*	16.4	31.7	75.3	31.9	13.8	12.7	14.6	211.1	35.6
Community services	22.5	19.1	27.3	45.6	85.9	94.6	24.9	44.0	94.3	458.2	39.2
Recreation, personal and other services	9.0	29.9	20.2	12.1	26.4	46.6	7.7	19.8	60.0	231.6	39.3
Total employed	189.0	186.2	242.5	374.2	758.5	889.6	248.5	435.9	1,048.1	4,372.6	40.7
MARRIED FEMALES											
Agriculture, forestry, fishing & hunting	4.8	37.9	20.5	5.1	6.8	6.0	*	*	18.0	105.0	27.8
Agriculture & services to agriculture	4.6	36.1	19.6	4.8	6.8	6.0	*	*	18.0	101.6	28.3
Mining	*	*	*	*	*	*	*	*	*	5.0	*
Manufacturing	8.6	23.8	29.4	24.5	56.5	39.8	10.5	8.0	7.6	208.7	31.6
Food, beverages and tobacco	*	*	6.3	*	6.0	7.2	*	*	*	30.9	31.0
Metal products	*	*	*	*	5.2	4.6	*	*	*	19.9	31.1
Other manufacturing	6.5	18.1	20.2	18.3	45.4	27.9	8.9	6.5	6.0	157.8	31.8
Electricity, gas and water	*	*	*	*	*	*	*	*	*	5.8	*
Construction	*	30.4	12.1	*	5.1	4.2	*	*	*	60.1	17.9
Wholesale and retail trade	11.4	88.3	83.3	37.7	40.2	44.2	15.3	15.0	39.2	374.6	29.0
Wholesale trade	*	17.3	16.7	8.2	13.8	13.4	*	*	5.7	83.2	28.7
Retail trade	8.4	71.0	66.5	29.5	26.4	30.8	13.7	11.6	33.5	291.4	29.1
Transport and storage	*	12.8	5.3	4.8	6.9	6.5	*	*	5.5	48.0	29.4
Communication	*	*	*	*	6.4	*	*	*	*	19.8	28.1
Finance, property and business services	12.0	39.7	47.4	18.4	40.0	28.0	7.4	5.5	9.7	208.2	27.4
Public administration and defence	*	8.7	11.5	9.6	21.5	6.3	*	*	*	67.1	29.3
Community services	29.5	98.7	132.6	54.8	87.9	79.9	14.4	16.7	22.2	536.6	27.1
Recreation, personal and other services	6.0	44.6	39.1	10.9	16.2	15.6	4.8	6.5	17.5	161.2	28.1
Total employed	83.4	387.9	386.5	172.7	289.9	233.8	61.9	58.6	125.3	1,800.1	28.1
ALL FEMALES											
Agriculture, forestry, fishing & hunting	6.4	43.8	23.3	6.8	8.0	7.1	4.2	*	21.4	123.9	27.9
Agriculture & services to agriculture	6.1	41.9	22.2	6.5	8.0	6.8	4.2	*	21.2	119.6	28.2
Mining	*	*	*	*	*	*	*	*	*	8.3	31.1
Manufacturing	11.2	29.0	36.5	36.1	87.3	68.0	15.7	13.2	13.9	310.9	33.0
Food, beverages and tobacco	*	4.1	7.1	5.2	10.0	12.6	*	*	*	48.8	32.2
Metal products	*	*	*	*	8.3	6.7	*	*	*	27.6	33.5
Other manufacturing	8.0	21.8	26.3	27.3	68.9	48.7	13.6	9.1	10.8	234.5	33.1
Electricity, gas and water	*	*	*	4.1	5.0	*	*	*	*	13.0	30.7
Construction	*	31.3	12.8	*	7.3	7.7	*	*	*	70.2	20.3
Wholesale and retail trade	21.3	181.9	116.1	61.9	85.2	100.3	28.6	26.8	52.3	674.4	28.0
Wholesale trade	4.8	19.4	20.4	13.2	24.8	29.4	5.6	5.9	9.2	132.5	31.4
Retail trade	16.6	162.6	95.6	48.7	60.4	70.9	23.0	21.0	43.1	541.9	27.1
Transport and storage	4.1	14.0	8.5	7.0	13.2	14.4	4.6	*	8.2	76.9	31.6
Communication	4.1	*	4.7	5.1	11.4	*	*	*	*	33.6	29.2
Finance, property and business services	19.8	48.0	60.4	37.9	92.0	66.5	15.0	13.4	19.0	372.0	30.6
Public administration and defence	8.0	11.8	19.1	18.7	47.3	15.9	6.9	*	*	134.4	30.9
Community services	43.1	123.7	169.5	94.1	155.5	148.3	27.3	33.7	41.8	837.1	29.3
Recreation, personal and other services	10.7	84.4	59.2	18.3	34.4	37.3	10.8	12.2	31.6	298.8	28.2
Total employed	132.7	571.3	512.3	294.9	548.2	471.1	116.7	110.8	195.6	2,953.6	29.3
PERSONS											
Agriculture, forestry, fishing & hunting	18.1	58.4	40.5	19.5	23.5	43.5	11.8	28.4	187.1	430.8	44.6
Agriculture & services to agriculture	16.7	55.9	36.7	17.5	20.4	39.2	10.8	27.0	179.2	403.3	44.8
Forestry & logging, fishing & hunting	*	*	*	*	*	4.3	*	*	8.0	27.5	40.6
Mining	4.5	*	9.3	9.9	20.1	16.1	6.7	7.4	19.0	95.0	39.5
Manufacturing	49.5	42.2	75.3	105.5	278.3	257.9	78.5	118.5	168.8	1,174.4	38.2
Food, beverages and tobacco	10.5	5.6	17.1	18.6	28.4	42.5	7.8	17.0	20.9	168.5	36.6
Metal products	8.4	4.9	11.1	16.0	48.9	44.8	11.1	26.9	33.7	205.8	39.4
Other manufacturing	30.6	31.6	47.1	70.9	200.9	170.6	59.6	74.6	114.1	800.1	38.2
Electricity, gas and water	6.8	*	9.8	24.4	39.4	17.7	6.6	6.4	5.4	118.3	34.4
Construction	18.0	42.6	40.5	45.8	67.7	124.5	25.0	50.3	106.4	520.8	38.1
Wholesale and retail trade	48.4	250.2	148.9	115.2	193.6	279.4	80.5	106.8	287.4	1,510.3	35.3
Wholesale trade	14.9	27.0	29.7	36.2	80.0	104.8	23.0	42.2	90.3	448.2	38.8
Retail trade	33.5	223.2	119.1	78.9	113.6	174.6	57.5	64.6	197.2	1,062.2	33.9
Transport and storage	26.7	20.3	22.5	37.7	56.9	78.4	20.0	36.5	85.4	384.3	39.1
Communication	11.1	*	12.6	21.1	40.9	17.5	8.3	6.8	7.1	128.8	33.4
Finance, property and business services	33.6	64.9	83.8	69.3	161.7	151.1	36.6	59.8	131.4	792.2	36.1
Public administration and defence	19.7	14.7	35.4	50.5	122.5	47.9	20.8	16.0	18.0	345.6	33.8
Community services	65.5	142.9	196.8	139.7	241.4	242.9	52.1	77.8	136.1	1,295.2	32.8
Recreation, personal and other services	19.8	114.4	79.4	30.4	60.7	83.9	18.4	31.9	91.6	530.4	33.1
Total employed	321.7	757.5	754.8	669.1	1,306.6	1,360.8	365.2	546.6	1,243.7	7,326.1	36.1

TABLE 26. EMPLOYED PERSONS: INDUSTRY BY OCCUPATION, MAY 1988  
(<sup>'000</sup>)

Industry division	Occupation major group								Total
	Managers and administrators	Professionals	Para-professionals	Tradespersons	Clerks	Salespersons and personal service workers	Plant and machine operators, and drivers	Labourers and related workers	
MALES									
Agriculture, forestry, fishing and hunting	187.8	*	9.3	13.6	*	*	13.6	80.0	307.0
Mining	4.4	10.6	5.8	17.7	*	*	26.8	19.8	86.7
Manufacturing	72.0	54.2	25.8	324.2	33.5	26.3	141.9	185.6	863.5
Electricity, gas and water	*	12.7	12.2	36.4	12.6	*	12.3	16.9	105.3
Construction	34.9	11.8	17.4	254.2	6.1	*	36.9	86.4	450.6
Wholesale and retail trade	167.9	32.2	17.1	213.7	33.7	203.3	44.7	123.4	835.9
Transport and storage	15.0	9.2	12.9	26.8	28.0	15.7	148.4	51.4	307.5
Communication	5.3	4.8	12.3	38.3	27.8	*	*	*	95.1
Finance, property and business services	53.6	129.7	25.7	9.7	70.9	79.7	8.4	42.6	420.2
Public administration & defence	19.6	34.3	24.7	23.0	52.4	*	23.4	31.9	211.1
Community services	19.8	218.3	69.7	34.1	25.3	9.7	18.1	63.2	458.2
Recreation, personal and other services	43.2	27.0	14.5	48.7	6.6	41.4	4.2	46.0	231.6
Total	624.7	545.8	247.5	1,040.3	300.1	382.2	481.6	750.3	4,372.6
FEMALES									
Agriculture, forestry, fishing and hunting	74.5	*	*	*	9.1	*	*	34.1	123.9
Mining	*	*	*	*	6.0	*	*	*	8.3
Manufacturing	8.0	13.8	4.5	18.9	103.4	14.1	73.2	75.2	310.9
Electricity, gas and water	*	*	*	*	9.8	*	*	*	13.0
Construction	*	*	*	*	62.6	*	*	*	70.2
Wholesale and retail trade	57.9	15.3	4.2	18.6	163.8	354.8	11.3	48.4	674.4
Transport and storage	*	*	*	*	42.8	18.5	8.7	*	76.9
Communication	*	*	*	*	28.9	*	*	*	33.6
Finance, property and business services	8.7	33.4	4.9	*	232.7	58.2	*	32.5	372.0
Public administration & defence	4.5	12.0	6.0	*	91.4	6.9	*	11.8	134.4
Community services	10.3	250.5	160.0	13.1	185.8	99.5	*	114.6	837.1
Recreation, personal and other services	23.3	19.3	4.7	52.7	37.1	96.9	*	61.1	298.8
Total	191.2	347.2	186.3	110.5	973.4	651.2	103.9	389.8	2,953.6
PERSONS									
Agriculture, forestry, fishing and hunting	262.3	*	10.2	17.1	10.7	*	14.7	114.1	430.8
Mining	4.4	11.1	6.0	17.9	7.6	*	27.0	20.9	95.0
Manufacturing	80.0	68.0	30.2	343.1	136.9	40.3	215.1	260.7	1,174.4
Electricity, gas and water	*	13.2	12.4	36.8	22.4	*	12.3	18.4	118.3
Construction	35.7	12.3	17.7	255.6	68.7	*	37.2	89.8	520.8
Wholesale and retail trade	225.8	47.5	21.3	232.3	197.5	558.1	56.0	171.8	1,510.3
Transport and storage	16.9	10.4	13.3	27.2	70.8	34.2	157.1	54.4	384.3
Communication	6.3	5.1	12.3	38.3	56.7	*	*	6.1	128.8
Finance, property and business services	62.3	163.1	30.6	10.1	303.6	137.9	9.5	75.1	792.2
Public administration & defence	24.0	46.2	30.8	23.9	143.8	8.7	24.5	43.7	345.6
Community services	30.1	468.8	229.7	47.2	211.1	109.2	21.3	177.8	1,295.2
Recreation, personal and other services	66.5	46.3	19.2	101.4	43.8	138.3	7.8	107.1	530.4
Total	815.9	893.0	433.8	1,150.8	1,273.5	1,033.5	585.5	1,140.1	7,326.1

TABLE 27. EMPLOYED PERSONS BY INDUSTRY SUBDIVISIONS, MAY 1988  
('000)

Industry division and subdivision	Males	Females		Persons
		Married	Total	
<b>AGRICULTURE, FORESTRY, FISHING AND HUNTING</b>	<b>307.0</b>	<b>105.0</b>	<b>123.9</b>	<b>430.8</b>
Agriculture	272.9	100.3	117.3	390.2
Services to agriculture	10.8	*	*	13.1
Forestry and logging	9.6	*	*	10.3
Fishing and hunting	13.7	*	*	17.2
<b>MINING</b>	<b>86.7</b>	<b>5.0</b>	<b>8.3</b>	<b>95.0</b>
Metallic minerals	34.5	*	*	38.3
Coal	33.1	*	*	34.0
Construction Materials	5.2	*	*	6.4
Services to mining, n.e.c.	8.8	*	*	10.4
Other mining	5.0	*	*	5.9
<b>MANUFACTURING</b>	<b>863.5</b>	<b>208.7</b>	<b>310.9</b>	<b>1,174.4</b>
Food, beverages and tobacco	119.7	30.9	48.8	168.5
Textiles	17.2	8.3	13.6	30.9
Clothing and footwear	20.9	40.4	59.7	80.6
Footwear	4.3	4.0	6.2	10.5
Wood, wood products and furniture	80.5	13.0	18.3	98.8
Paper, paper products, printing and publishing	87.2	25.5	39.9	127.2
Chemical, petroleum and coal products	41.4	10.6	14.7	56.1
Non-metallic mineral products	48.7	*	6.2	54.9
Basic metal products	77.5	*	4.5	82.0
Fabricated metal products	100.7	16.5	23.2	123.9
Transport equipment	101.1	13.8	19.3	120.4
Other machinery and equipment	118.8	24.9	37.5	156.3
Miscellaneous manufacturing	49.7	17.4	25.3	75.0
<b>ELECTRICITY, GAS AND WATER</b>	<b>105.3</b>	<b>5.8</b>	<b>13.0</b>	<b>118.3</b>
Electricity and gas	75.9	4.3	8.8	84.7
Water, sewerage and drainage	29.4	*	4.2	33.6
<b>CONSTRUCTION</b>	<b>450.6</b>	<b>60.1</b>	<b>70.2</b>	<b>520.8</b>
General construction	185.1	21.8	28.4	213.6
Special trade construction	265.4	38.2	41.8	307.2
<b>WHOLESALE AND RETAIL TRADE</b>	<b>835.9</b>	<b>374.6</b>	<b>674.4</b>	<b>1,510.3</b>
Wholesale trade	315.6	83.2	132.5	448.2
Retail trade	520.3	291.4	541.9	1,062.2
<b>TRANSPORT AND STORAGE</b>	<b>307.5</b>	<b>48.0</b>	<b>76.9</b>	<b>384.3</b>
Road freight transport	102.8	17.8	23.8	126.6
Road passenger transport	53.0	7.6	11.5	64.5
Rail transport	72.1	*	5.6	77.8
Water transport	7.9	*	*	9.3
Air transport	22.2	*	8.7	31.0
Other transport	*	*	*	*
Services to road transport	*	*	*	5.1
Services to water transport	16.5	*	*	19.3
Services to air transport	6.3	*	*	6.8
Other services to transport	14.1	10.4	18.6	32.7
Storage	7.5	*	*	9.3
<b>COMMUNICATION</b>	<b>95.1</b>	<b>19.8</b>	<b>33.6</b>	<b>128.8</b>
<b>FINANCE, PROPERTY AND BUSINESS SERVICES</b>	<b>420.2</b>	<b>208.2</b>	<b>372.0</b>	<b>792.2</b>
Finance and investment	116.2	60.2	125.3	241.5
Insurance and services to insurance	47.7	24.0	43.9	91.6
Property and business services	256.3	124.0	202.8	459.1
<b>PUBLIC ADMINISTRATION AND DEFENCE</b>	<b>211.1</b>	<b>67.1</b>	<b>134.4</b>	<b>345.6</b>
Public administration	192.7	63.1	125.4	318.2
Defence	18.4	4.0	9.0	27.4
<b>COMMUNITY SERVICES</b>	<b>458.2</b>	<b>536.6</b>	<b>837.1</b>	<b>1,295.2</b>
Health	123.4	251.5	396.6	520.0
Education, museum and library services	187.6	214.8	313.0	500.6
Welfare and religious institutions	41.0	42.6	73.0	114.0
Other community services	106.1	27.7	54.4	160.6
<b>RECREATION, PERSONAL AND OTHER SERVICES</b>	<b>231.6</b>	<b>161.2</b>	<b>298.8</b>	<b>530.4</b>
Entertainment and recreational services	69.0	28.5	57.5	126.5
Restaurants, hotels and clubs	119.5	91.4	158.6	278.1
Personal services	39.8	37.2	70.3	110.2
Private households employing staff	*	4.1	12.4	15.7
<b>TOTAL</b>	<b>4,372.6</b>	<b>1,800.1</b>	<b>2,953.6</b>	<b>7,326.1</b>

TABLE 28. EMPLOYED PERSONS: OCCUPATION OF FULL-TIME AND PART-TIME WORKERS, MAY 1988  
('000)

Occupation major group	Full-time workers		Part-time workers		Total			
					Females			
	Males	Females	Males	Females	Males	Married	Total	Persons
Managers and administrators	605.2	137.4	19.5	53.9	624.7	157.2	191.2	815.9
Professionals	511.0	248.6	34.8	98.7	545.8	210.8	347.2	893.0
Para-professionals	237.1	123.4	10.4	62.9	247.5	108.9	186.3	433.8
Tradespersons	1,007.8	73.4	32.5	37.1	1,040.3	64.3	110.5	1,150.8
Clerks	286.2	655.3	14.0	318.1	300.1	591.0	973.4	1,273.5
Salespersons and personal service workers	322.7	301.3	59.6	350.0	382.2	327.2	651.2	1,033.5
Plant and machine operators, and drivers	460.5	80.3	21.1	23.6	481.6	73.7	103.9	585.5
Labourers and related workers	629.8	174.5	120.5	215.3	750.3	267.0	389.8	1,140.1
Total	4,060.2	1,794.1	312.3	1,159.5	4,372.6	1,800.1	2,953.6	7,326.1

TABLE 29. EMPLOYED PERSONS: OCCUPATION AND STATUS OF WORKER, MAY 1988  
('000)

Occupation major group	Employers		Self-employed		Wage and salary earners		Total(a)		
							Females		
	Males	Females	Males	Females	Males	Females	Males	Females	Persons
Managers and administrators	106.5	45.6	169.7	72.2	346.8	70.4	624.7	191.2	815.9
Professionals	43.8	7.0	32.6	19.3	468.8	320.3	545.8	347.2	893.0
Para-professionals	4.4	*	14.3	*	228.8	183.3	247.5	186.3	433.8
Tradespersons	62.2	10.5	139.9	14.1	837.1	84.7	1,040.3	110.5	1,150.8
Clerks	*	37.1	*	43.5	294.7	878.5	300.1	973.4	1,273.5
Salespersons and personal service workers	15.2	17.6	36.3	37.9	328.3	587.7	382.2	651.2	1,033.5
Plant and machine operators, and drivers	9.6	*	52.4	6.5	415.9	93.9	481.6	103.9	585.5
Labourers and related workers	12.8	*	46.4	16.2	678.2	357.5	750.3	389.8	1,140.1
Total	256.6	124.4	493.2	211.7	3,598.6	2,576.5	4,372.6	2,953.6	7,326.1
Full-time workers	249.0	65.5	441.1	93.2	3,361.9	1,628.8	4,060.2	1,794.1	5,854.3

(a) Includes unpaid family helpers.

TABLE 30. EMPLOYED PERSONS: OCCUPATION, AGE AND BIRTHPLACE, MAY 1988  
('000)

Occupation major group	Age group						Total	Born in Australia	Born outside Australia
	-----								
	15-19	20-24	25-34	35-44	45-54	55 and over			
Managers and administrators	4.7	31.2	156.2	270.2	197.2	156.4	815.9	629.6	186.3
Professionals	8.0	85.7	304.2	280.4	143.0	71.8	893.0	667.4	225.6
Para-professionals	14.7	55.2	142.2	121.8	75.5	24.6	433.8	327.6	106.2
Tradespersons	131.4	189.3	323.0	249.6	159.2	98.3	1,150.8	831.5	319.3
Clerks	112.7	216.6	367.7	320.4	175.8	80.3	1,273.5	995.0	278.5
Salespersons and personal service workers	220.1	177.7	247.0	220.4	109.2	59.1	1,033.5	814.0	219.5
Plant and machine operators, and drivers	19.2	64.7	176.4	163.5	108.4	53.3	585.5	399.3	186.2
Labourers and related workers	159.4	154.2	261.2	255.2	185.3	124.8	1,140.1	795.0	345.1
Total	670.1	974.7	1,977.9	1,881.4	1,153.6	668.6	7,326.1	5,459.4	1,866.7

TABLE 31. EMPLOYED PERSONS: OCCUPATION AND HOURS WORKED, MAY 1988

Occupation major group	Hours worked									Total	Average weekly hours worked
	0	1-15	16-29	30-34	35-39	40	41-44	45-48	49 and over		
	-'000 -										
MALES											
Managers and administrators	23.6	10.4	18.9	19.3	40.6	79.9	21.6	71.7	338.7	624.7	51.6
Professionals	15.4	17.1	27.9	36.6	101.5	100.6	33.1	64.5	149.1	545.8	41.9
Para-professionals	17.2	5.2	14.2	24.2	61.2	48.8	15.7	22.5	38.5	247.5	38.0
Tradespersons	50.5	16.6	49.6	111.4	196.3	255.2	74.0	103.3	183.5	1,040.3	39.5
Clerks	15.2	9.1	18.9	35.9	98.9	58.2	19.6	19.7	24.6	300.1	36.1
Salespersons and personal service workers	10.5	39.0	21.4	22.2	49.0	83.8	21.3	37.1	97.9	382.2	39.8
Plant and machine operators, and drivers	23.2	13.0	24.0	40.5	86.4	97.3	28.0	53.3	115.9	481.6	41.4
Labourers and related workers	33.4	75.9	67.7	84.0	124.6	165.9	35.2	63.8	99.9	750.3	35.3
Total employed	189.0	186.2	242.5	374.2	758.5	889.6	248.5	435.9	1,048.1	4,372.6	40.7
MARRIED FEMALES											
Managers and administrators	5.7	26.2	21.0	8.4	13.8	15.0	9.5	12.0	45.6	157.2	39.0
Professionals	8.3	40.9	31.6	16.6	44.9	29.7	8.3	11.7	18.7	210.8	30.0
Para-professionals	7.1	12.3	31.0	14.0	13.5	22.0	*	*	*	108.9	27.6
Tradespersons	*	11.1	15.5	5.2	8.9	8.5	*	*	7.3	64.3	30.2
Clerks	26.8	134.6	124.2	63.9	123.2	72.4	16.1	10.4	19.3	591.0	26.4
Salespersons and personal service workers	15.9	77.7	85.6	34.5	31.3	38.1	13.1	10.2	20.8	327.2	26.6
Plant and machine operators, and drivers	*	9.4	9.8	8.2	20.3	13.4	*	*	*	73.7	31.7
Labourers and related workers	13.2	75.5	67.8	21.9	34.0	34.7	4.8	6.1	8.9	267.0	24.3
Total employed	83.4	387.9	386.5	172.7	289.9	233.8	61.9	58.6	125.3	1,800.1	28.1
ALL FEMALES											
Managers and administrators	8.4	27.5	22.2	9.8	17.7	22.1	10.7	16.0	56.9	191.2	39.5
Professionals	12.1	51.3	42.2	29.3	79.1	53.4	17.8	23.5	38.6	347.2	32.5
Para-professionals	12.2	15.7	38.8	26.5	24.7	47.2	7.5	7.4	6.2	186.3	30.4
Tradespersons	4.6	15.5	20.2	9.2	18.4	19.0	7.3	4.7	11.6	110.5	32.3
Clerks	44.5	151.7	158.3	110.4	255.6	163.6	34.9	25.2	29.1	973.4	29.4
Salespersons and personal service workers	27.9	188.5	129.5	63.6	72.2	90.0	26.0	20.1	33.4	651.2	25.8
Plant and machine operators, and drivers	4.8	10.9	12.0	12.6	31.9	18.8	4.8	*	5.0	103.9	32.6
Labourers and related workers	18.0	110.3	88.9	33.5	48.5	57.0	7.7	10.8	14.9	389.8	24.9
Total employed	132.7	571.3	512.3	294.9	548.2	471.1	116.7	110.8	195.6	2,953.6	29.3
PERSONS											
Managers and administrators	32.0	37.9	41.1	29.1	58.3	101.9	32.3	87.7	395.5	815.9	48.7
Professionals	27.6	68.4	70.1	65.9	180.6	154.0	50.9	88.0	187.6	893.0	38.3
Para-professionals	29.4	20.9	53.0	50.7	85.9	96.1	23.2	30.0	44.7	433.8	34.8
Tradespersons	55.2	32.0	69.8	120.6	214.7	274.2	81.2	107.9	195.1	1,150.8	38.8
Clerks	59.7	160.8	177.2	146.4	354.5	221.7	54.6	44.9	53.7	1,273.5	30.9
Salespersons and personal service workers	38.5	227.5	150.9	85.8	121.2	173.8	47.3	57.2	131.3	1,033.5	31.0
Plant and machine operators, and drivers	28.0	23.9	36.0	53.2	118.3	116.1	32.8	56.4	120.9	585.5	39.9
Labourers and related workers	51.4	186.2	156.6	117.4	173.1	223.0	43.0	74.6	114.8	1,140.1	31.8
Total employed	321.7	757.5	754.8	669.1	1,306.6	1,360.8	365.2	546.6	1,243.7	7,326.1	36.1

TABLE 32. EMPLOYED PERSONS: MAJOR AND MINOR OCCUPATION GROUPS, MAY 1988  
( '000)

Occupation major and minor group	Males	Females		Persons
		Married	Total	
<b>MANAGERS AND ADMINISTRATORS</b>				
Legislators and government appointed officials	624.7	157.2	191.2	815.9
General managers	*	*	*	*
Specialist managers	36.0	*	*	38.3
Farmers and farm managers	139.9	15.7	26.2	166.1
Managing supervisors (sales and service)	186.4	70.3	74.9	261.2
Managing supervisors (other business)	166.2	63.6	80.7	247.0
	94.2	5.7	6.9	101.1
<b>PROFESSIONALS</b>				
Natural scientists	545.8	210.8	347.2	893.0
Building professionals and engineers	28.8	*	8.1	36.9
Health diagnosis and treatment practitioners	103.2	*	*	105.3
School teachers	54.0	19.4	32.7	86.7
Other teachers and instructors	86.2	98.2	147.3	233.5
Social professionals	43.2	30.6	45.6	88.9
Business professionals	36.6	9.3	16.9	53.5
Artists and related professionals	133.0	25.2	48.4	181.4
Miscellaneous professionals	40.9	11.5	26.3	67.2
	19.7	12.3	19.8	39.5
<b>PARA-PROFESSIONALS</b>				
Medical and science technical officers and technicians	247.5	108.9	186.3	433.8
Engineering and building associates and technicians	11.5	5.8	9.1	20.6
Air and sea transport technical workers	89.7	*	5.2	94.9
Registered nurses	19.4	*	*	19.7
Police	11.3	78.1	130.2	141.5
Miscellaneous para-professionals	28.2	*	*	31.9
	87.4	21.1	37.8	125.3
<b>TRADESPERSONS</b>				
Metal fitting and machining tradespersons	1,040.3	64.3	110.5	1,150.8
Other metal tradespersons	122.3	*	*	122.9
Electrical and electronics tradespersons	103.1	*	*	105.0
Building tradespersons	183.5	*	*	185.5
Printing tradespersons	241.8	*	*	243.8
Vehicle tradespersons	35.0	*	6.6	41.5
Food tradespersons	142.5	*	*	142.7
Amenity horticultural tradespersons	69.8	21.6	33.2	102.9
Miscellaneous tradespersons	45.9	*	5.3	51.2
	96.5	30.8	58.8	155.3
<b>CLERKS</b>				
Stenographers and typists	300.1	591.0	973.4	1,273.5
Data processing and business machine operators	5.3	163.4	281.1	286.4
Numerical clerks	14.3	35.4	69.2	83.5
Filing, sorting and copying clerks	121.8	219.8	308.6	430.5
Material recording and despatching clerks	19.2	21.3	44.3	63.5
Receptionists, telephonists and messengers	57.0	15.1	25.9	82.9
Miscellaneous clerks	19.4	81.8	146.4	165.8
	63.1	54.1	97.9	161.0
<b>SALESPERSONS AND PERSONAL SERVICE WORKERS</b>				
Investment, insurance and real estate salespersons	382.2	327.2	651.2	1,033.5
Sales representatives	66.7	11.1	17.8	84.5
Sales assistants	76.7	12.2	18.8	95.5
Tellers, cashiers and ticket salespersons	137.4	145.0	292.8	430.1
Miscellaneous salespersons	23.1	41.6	107.0	130.0
Personal service workers	58.4	46.5	93.2	151.6
	20.0	70.8	121.7	141.7
<b>PLANT AND MACHINE OPERATORS, AND DRIVERS</b>				
Road and rail transport drivers	481.6	73.7	103.9	585.5
Mobile plant operators (except transport)	226.2	11.9	16.1	242.3
Stationary plant operators	104.6	*	*	105.4
Machine operators	64.4	*	*	65.6
	86.3	60.7	85.9	172.2
<b>LABOURERS AND RELATED WORKERS</b>				
Trades assistants and factory hands	750.3	267.0	389.8	1,140.1
Agricultural labourers and related workers	185.3	55.8	83.5	268.9
Cleaners	101.6	21.2	34.8	136.3
Construction and mining labourers	69.5	104.1	135.5	205.0
Miscellaneous labourers and related workers	130.8	*	*	131.7
	263.1	85.3	135.2	398.2
<b>TOTAL</b>				
	4,372.6	1,800.1	2,953.6	7,326.1

TABLE 33. UNEMPLOYED PERSONS: STATES, BY AGE, MAY 1988  
('000)

Age group	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Australia (a)
MALES							
15-19	24.7	16.7	14.3	6.3	6.9	2.3	73.9
20-24	26.0	13.2	11.2	6.9	8.8	1.9	69.2
25-34	25.9	16.6	12.3	8.0	7.4	2.3	74.0
35 and over	43.1	20.7	18.6	13.0	10.9	3.3	111.2
Total	119.6	67.2	56.4	34.1	34.0	9.8	225.0
FEMALES							
15-19	20.8	16.2	14.0	6.8	7.5	1.5	68.5
20-24	13.0	11.2	8.4	6.3	5.2	1.3	46.1
25-34	24.8	19.8	9.9	3.8	6.0	2.5	67.7
35 and over	28.9	19.1	15.5	6.2	8.0	2.1	81.3
Total	87.5	66.3	47.7	23.0	26.8	7.4	263.6
PERSONS							
Looking for full-time work -							
15-19	31.4	20.7	18.8	10.3	10.5	3.2	97.8
20-24	35.8	20.3	16.7	11.6	11.9	2.8	100.9
25-34	42.4	27.6	18.9	10.5	11.4	3.5	116.3
35-44	28.3	14.8	13.8	6.6	7.4	2.1	74.2
45-54	19.2	7.3	7.9	5.4	4.7	*	46.3
55 and over	11.1	8.2	5.4	3.5	2.7	1.4	33.1
Total looking for full-time work	168.3	99.1	81.5	47.8	48.6	14.1	468.6
Total -							
15-19	45.5	32.9	28.3	13.0	14.4	3.8	142.4
20-24	39.0	24.4	19.6	13.1	14.0	3.3	115.3
25-34	50.7	36.3	22.2	11.8	13.4	4.8	141.7
35-44	36.6	19.4	17.8	8.6	9.7	2.6	96.3
45-54	22.8	10.3	9.9	6.4	5.6	1.3	57.0
55 and over	12.6	10.2	6.3	4.1	3.6	1.4	39.2
Total	207.1	133.4	104.2	57.1	60.8	17.2	591.9

(a) Includes the Northern Territory and the Australian Capital Territory

TABLE 34. UNEMPLOYED PERSONS AGED 15-19:  
DURATION OF UNEMPLOYMENT AND SCHOOL ATTENDANCE, MAY 1988

	Not attending school			
	Attending school	Left school before 1987	Left school 1987 to survey date	Total
NUMBER ('000)				
Duration of unemployment (weeks) -				
Under 4	10.6	9.8	9.5	29.8
4 and under 13	7.1	12.8	10.2	30.1
13 and under 26	9.6	13.4	16.7	39.7
26 and over	7.7	28.1	7.0	42.8
Total	35.0	64.1	43.3	142.4
DURATION OF UNEMPLOYMENT (weeks)				
Average duration -				
Males	16.5	36.9	16.4	25.4
Females	17.5	41.4	18.3	28.8
Persons	17.0	39.1	17.2	27.0
Looking for full-time work	*	41.5	17.8	31.6
Looking for part-time work	17.6	*	15.2	17.1
Median duration -				
Males	8	19	14	15
Females	14	22	14	18
Persons	12	20	14	17
Looking for full-time work	*	23	15	18
Looking for part-time work	12	*	*	10

TABLE 35. UNEMPLOYED PERSONS, BY AGE AND WHETHER LOOKING FOR FULL-TIME OR PART-TIME WORK, MAY 1988

	Number unemployed ('000)					Unemployment rate (per cent)				
	Males		Females		Persons	Males		Females		Persons
	Married	Total	Married	Total		Married	Total	Married	Total	
LOOKING FOR FULL-TIME WORK										
Total	126.4	293.2	61.4	175.3	468.6	4.4	6.7	6.1	8.9	7.4
Aged 15-19	*	53.7	*	44.1	97.8	*	18.2	*	18.9	18.5
Looking for first job	*	16.7	*	14.9	31.7	..	..	..	..	..
Attending school	*	*	*	*	6.3	n.a.	n.a.	n.a.	n.a.	n.a.
Attending a tertiary educational institution full time	*	*	*	*	*	n.a.	n.a.	n.a.	n.a.	n.a.
Aged 20 and over	125.9	239.5	57.5	131.2	370.8	4.4	5.9	5.7	7.6	6.4
20-24	13.1	63.7	8.2	37.2	100.9	12.6	11.6	7.3	9.4	10.7
Looking for first job	*	*	*	4.0	7.1	..	..	..	..	..
25-34	36.4	71.3	21.1	45.1	116.3	4.5	5.8	6.9	8.4	6.6
35-44	30.3	44.8	15.2	29.4	74.2	3.2	4.0	4.7	6.7	4.7
45-54	22.6	30.0	11.4	16.3	46.3	3.6	4.2	5.8	6.2	4.7
55 and over	23.6	29.8	*	*	33.1	6.1	6.7	*	*	6.1
Aged 15-64	126.2	293.0	61.4	175.3	468.3	4.5	6.8	6.1	8.9	7.5
LOOKING FOR PART-TIME WORK										
Total	5.7	35.1	46.7	88.3	123.3	4.5	10.1	5.2	7.1	7.7
Aged 15-19	*	20.2	*	24.4	44.6	*	16.8	*	14.9	15.7
Attending school	*	14.3	*	14.4	28.7	*	19.6	*	15.9	17.5
Attending a tertiary educational institution full time	*	4.3	*	7.5	11.8	*	21.1	*	21.5	21.3
Aged 20 and over	5.7	14.9	46.4	63.8	78.7	4.5	6.5	5.2	5.9	6.0
20-24	*	5.5	4.4	8.9	14.4	*	11.0	11.7	9.3	9.9
Attending a tertiary educational institution full time	*	*	*	*	6.4	*	*	*	*	13.7
25-34	*	*	18.5	22.7	25.4	*	*	7.0	7.3	7.1
35-44	*	*	15.5	20.3	22.1	*	*	4.5	5.3	5.3
45 and over	4.1	4.9	8.1	12.0	16.9	5.1	4.9	3.3	4.1	4.3
Aged 15-64	5.5	34.9	46.7	88.1	123.0	5.1	10.7	5.3	7.2	7.9
TOTAL										
Total	132.1	328.3	108.1	263.6	591.9	4.4	7.0	5.7	8.2	7.5
Aged 15-19	*	73.9	4.2	68.5	142.4	*	17.8	28.0	17.3	17.5
Attending school	*	18.0	*	17.0	35.0	*	23.3	*	18.1	20.4
Attending a tertiary educational institution full time	*	5.3	*	9.1	14.4	*	21.4	*	23.9	22.9
Aged 20 and over (a)	131.6	254.4	103.9	195.1	449.5	4.4	5.9	5.5	6.9	6.3
20-24	13.4	69.2	12.6	46.1	115.3	12.5	11.6	8.4	9.4	10.6
Attending a tertiary educational institution full time	*	4.0	*	*	7.4	*	14.7	*	*	13.9
25-34	37.3	74.0	39.6	67.7	141.7	4.5	5.8	7.0	8.0	6.7
35-44	30.6	46.6	30.7	49.7	96.3	3.2	4.0	4.6	6.0	4.9
45-54	23.4	31.3	18.5	25.7	57.0	3.6	4.2	4.9	5.6	4.7
55-59	14.5	18.0	*	5.1	23.1	6.0	6.6	*	4.2	5.9
60-64	11.9	14.9	*	*	15.6	8.0	8.5	*	*	7.0
Aged 15-64	131.7	327.9	108.1	263.4	591.3	4.5	7.1	5.7	8.3	7.6

(a) Includes unemployed persons aged 65 and over, details for whom are not shown separately.

TABLE 36. UNEMPLOYED PERSONS: BIRTHPLACE BY AGE, MAY 1988

	Number unemployed ('000)			Unemployment rate (per cent)		
	Males	Females	Persons	Males	Females	Persons
BORN IN AUSTRALIA						
Total	228.7	194.9	423.6	6.6	8.0	7.2
Looking for full-time work	201.1	125.1	326.2	6.3	8.6	7.0
Looking for part-time work	27.6	69.7	97.3	10.3	7.1	7.8
Aged 15-19	66.3	60.2	126.6	17.6	16.7	17.2
Aged 20 and over	162.3	134.7	297.0	5.3	6.5	5.8
20-24	55.3	36.0	91.3	11.2	8.9	10.2
25-34	50.0	47.9	97.9	5.2	7.5	6.1
35-44	25.6	33.6	59.2	3.2	5.8	4.3
45-54	16.0	13.7	29.6	3.4	4.3	3.8
55 and over	15.4	*	18.9	4.5	*	4.0
Aged 15-64	228.7	194.7	423.4	6.7	8.0	7.3
BORN OUTSIDE AUSTRALIA						
Total	99.6	68.7	168.3	7.9	8.8	8.3
Looking for full-time work	92.2	50.2	142.4	7.8	9.9	8.5
Looking for part-time work	7.4	18.5	26.0	9.3	6.8	7.4
Aged 15-19	7.5	8.3	15.8	19.7	22.4	21.0
Aged 20 and over	92.1	60.4	152.5	7.6	8.1	7.8
20-24	13.9	10.1	23.9	13.2	11.7	12.6
25-34	24.0	19.8	43.8	8.0	9.5	8.6
35-44	21.0	16.1	37.1	5.8	6.6	6.1
45-54	15.3	12.1	27.4	5.5	8.1	6.4
55 and over	17.9	*	20.3	10.2	*	8.8
Aged 15-64	99.2	68.7	167.9	8.0	8.9	8.3

TABLE 37. UNEMPLOYED PERSONS, BY DURATION OF UNEMPLOYMENT AND AGE, ETC., MAY 1988

Duration of unemployment (weeks)	Age group				Total (a)	Married	Not married	Looking for -	
	15-19	20-24	25-34	35-54				Full-time work	Part-time work
MALES									
					- '000 -				
Under 2	8.3	4.9	*	4.6	22.6	5.7	16.9	16.4	6.2
2 and under 4	8.2	6.7	7.4	*	26.6	7.8	18.9	22.2	4.4
4 and under 8	11.0	9.0	7.1	8.9	37.5	14.3	23.2	32.0	5.5
8 and under 13	6.4	8.6	7.7	5.1	29.1	10.9	18.2	26.1	*
13 and under 26	18.3	11.4	10.5	12.1	56.0	19.9	36.1	49.2	6.8
26 and under 39	8.7	5.8	9.0	7.2	34.0	12.2	21.8	30.4	*
39 and under 52	*	*	*	4.4	12.9	6.2	6.7	12.1	*
52 and under 65	*	5.0	6.8	4.6	21.3	8.8	12.5	20.7	*
65 and under 104	*	4.4	5.7	6.5	23.8	11.3	12.5	21.9	*
104 and over	4.9	10.1	13.2	20.9	64.5	34.9	29.5	62.3	*
Total	73.9	69.2	74.0	77.8	328.3	132.1	196.2	293.2	35.1
					- weeks -				
Average duration -	25.4	44.5	59.3	76.3	59.0	74.7	48.4	62.7	28.0
Median duration -	15	18	26	31	22	31	19	26	9
FEMALES									
					- '000 -				
Under 2	6.9	*	6.3	9.0	26.5	12.6	13.9	12.7	13.8
2 and under 4	6.4	*	9.4	7.3	26.6	12.8	13.9	12.5	14.1
4 and under 8	7.6	7.5	7.1	7.7	30.2	13.8	16.3	19.7	10.5
8 and under 13	5.0	5.0	10.0	7.0	27.2	14.1	13.1	16.8	10.3
13 and under 26	21.4	9.8	14.1	15.1	61.6	21.7	40.0	40.0	21.7
26 and under 39	6.4	4.4	*	7.1	21.2	6.0	15.2	16.8	4.4
39 and under 52	*	*	*	*	9.5	*	5.6	7.5	*
52 and under 65	4.3	*	6.6	5.6	19.4	9.1	10.3	14.4	5.0
65 and under 104	*	*	*	4.4	12.4	4.8	7.6	10.9	*
104 and over	5.0	7.7	5.3	9.6	28.9	9.3	19.5	24.0	4.9
Total	68.5	46.1	67.7	75.4	263.6	108.1	155.5	175.3	88.3
					- weeks -				
Average duration -	28.8	47.1	33.3	42.8	38.2	31.8	42.7	46.6	21.4
Median duration -	18	17	13	16	16	13	18	19	10
PERSONS									
					- '000 -				
Under 2	15.2	8.9	10.2	13.6	49.1	18.3	30.8	29.1	20.0
2 and under 4	14.6	9.7	16.8	10.8	53.3	20.5	32.7	34.8	18.5
4 and under 8	18.7	16.5	14.2	16.6	67.7	28.2	39.5	51.7	16.0
8 and under 13	11.4	13.6	17.6	12.1	56.3	24.9	31.3	42.9	13.4
13 and under 26	39.7	21.2	24.6	27.3	117.6	41.6	76.0	89.2	28.4
26 and under 39	15.0	10.2	12.2	14.3	55.3	18.3	37.0	47.1	8.1
39 and under 52	4.4	4.1	5.4	7.0	22.4	10.1	12.3	19.6	*
52 and under 65	7.3	7.0	13.4	10.2	40.7	17.9	22.8	35.1	5.6
65 and under 104	6.3	6.2	8.6	10.9	36.2	16.1	20.1	32.8	*
104 and over	9.8	17.8	18.6	30.4	93.4	44.3	49.1	86.2	7.1
Total	142.4	115.3	141.7	153.3	591.9	240.2	351.7	468.6	123.3
					- weeks -				
Average duration -	27.0	45.6	46.9	59.8	49.7	55.4	45.9	56.7	23.3
Median duration -	17	17	17	22	19	19	18	22	9

(a) Includes persons aged 55 and over, details for whom are not shown separately.

TABLE 38. UNEMPLOYED PERSONS: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB  
AND DURATION OF UNEMPLOYMENT, MAY 1988  
( '000)

	Duration of unemployment (weeks)					Total		
	Under 4	4 and under 13	13 and under 26	26 and under 52	52 and over	Males	Females	Persons
Had worked full time for two weeks or more in the last two years	55.4	86.3	68.7	52.1	42.3	192.8	112.0	304.8
Industry division or subdivision -								
Agriculture, forestry, fishing & hunting	4.1	6.5	*	*	*	14.4	*	18.3
Agriculture & services to agriculture	4.0	6.0	*	*	*	12.7	*	16.6
Manufacturing	12.2	19.5	16.2	12.1	11.5	52.0	19.4	71.4
Food, beverages and tobacco	*	*	*	*	*	7.9	*	11.2
Metal products	*	*	*	*	*	9.9	*	10.5
Other manufacturing	8.8	13.4	10.5	8.9	8.2	34.2	15.5	49.8
Construction	6.2	9.0	*	*	4.1	24.9	*	26.9
Wholesale and retail trade	9.5	19.9	16.6	11.4	8.4	36.2	29.6	65.8
Wholesale trade	*	4.9	*	*	*	10.3	5.3	15.6
Retail trade	7.3	15.0	13.6	8.3	5.9	25.9	24.3	50.2
Transport and storage	*	*	*	*	*	12.7	*	14.9
Finance, property & business services	5.0	6.8	4.4	*	*	10.7	7.9	18.6
Public administration and defence	*	*	*	*	*	7.9	7.1	15.0
Community services	6.6	5.9	10.1	4.3	*	11.1	19.4	30.5
Recreation, personal & other services	5.1	8.3	7.0	7.2	*	13.6	17.2	30.8
Other industries	*	*	*	*	*	9.2	*	12.4
Occupation group -								
Managers and administrators	*	*	*	*	*	8.3	*	11.5
Professionals	*	4.1	5.2	*	*	8.1	5.8	13.9
Para-professionals	*	*	*	*	*	5.0	4.8	9.8
Tradespersons	9.4	16.9	8.7	7.2	8.5	43.2	7.5	50.8
Clerks	9.2	12.7	7.7	4.6	*	8.4	27.7	36.0
Salespersons and personal service workers	8.5	13.3	11.2	9.0	4.5	15.6	30.9	46.5
Plant and machine operators	4.9	7.8	8.7	7.1	6.2	28.5	6.2	34.7
Labourers and related workers	15.9	25.7	21.3	20.3	18.3	75.7	25.9	101.6
Other	33.8	37.7	48.9	25.5	128.0	131.3	142.6	273.9
Looking for first job	12.8	11.5	20.3	10.7	21.1	36.2	40.2	76.4
Looking for full-time work	5.0	5.3	13.4	5.2	18.6	22.6	24.8	47.4
Other	20.9	26.2	28.7	14.9	106.8	95.1	102.5	197.5
Stood down	13.2	..	..	..	..	4.2	9.0	13.2
Total	102.3	124.0	117.6	77.6	170.3	328.3	263.6	591.9

TABLE 39. UNEMPLOYMENT RATES: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB, MAY 1988  
(per cent)

	Males	Females	Persons
Had worked full time for two weeks or more in the last two years	4.2	3.7	4.0
Industry division or subdivision -			
Agriculture, forestry, fishing and hunting	4.5	*	4.1
Agriculture and services to agriculture	4.3	*	3.9
Mining	4.8	*	5.2
Manufacturing	5.7	5.9	5.7
Food, beverages and tobacco	6.2	*	6.2
Metal products	5.3	*	4.9
Other manufacturing	5.7	6.2	5.9
Electricity, gas and water	*	*	*
Construction	5.2	*	4.9
Wholesale and retail trade	4.2	4.2	4.2
Wholesale trade	3.2	3.8	3.4
Retail trade	4.7	4.3	4.5
Transport and storage	4.0	*	3.7
Communication	*	*	*
Finance, property and business services	2.5	2.1	2.3
Public administration and defence	3.6	5.0	4.2
Community services	2.4	2.3	2.3
Recreation, personal and other services	5.6	5.4	5.5
Occupation group -			
Managers and administrators	1.3	*	1.4
Professionals	1.5	1.6	1.5
Para-Professionals	2.0	2.5	2.2
Tradespersons	4.0	6.4	4.2
Clerks	2.7	2.8	2.8
Salespersons and personal service workers	3.9	4.5	4.3
Plant and machine operators, and drivers	5.6	5.6	5.6
Labourers and related workers	9.2	6.2	8.2
Total	7.0	8.2	7.5

TABLE 40. UNEMPLOYED PERSONS: AGE AND ACTIVE STEPS TAKEN TO FIND WORK(a), MAY 1988  
('000)

	Males	Females	Persons			Total
			Aged 15-19	Aged 20-24	Aged 25 and over	
Took active steps to find work	324.1	254.6	140.0	113.0	325.7	578.7
Wrote, phoned or applied in person to an employer	261.9	187.4	107.5	89.4	252.3	449.3
Answered a newspaper advertisement for a job	9.1	8.8	*	*	12.1	17.8
Checked factory or Commonwealth Employment Service noticeboards	29.4	29.9	15.8	12.3	31.3	59.3
Been registered with the Commonwealth Employment Service	18.6	19.4	10.2	7.0	20.8	38.0
Checked or registered with any other employment agency	*	*	*	*	*	*
Advertised or tendered for work	*	*	*	*	*	*
Contacted relatives or friends	4.4	7.2	*	*	7.2	11.7
Stood down	4.2	9.0	*	*	8.5	13.2
Total	328.3	263.6	142.4	115.3	334.2	591.9

(a) See Explanatory Notes, paragraph 15.

TABLE 41. PERSONS NOT IN THE LABOUR FORCE: AGE AND MARITAL STATUS, MAY 1988

Age group	Males			Females			Persons	Proportion of population - per cent -
	Married	Not married	Total	Married	Not married	Total		
	- '000 -							
15-19	*	292.9	293.6	10.3	278.6	288.9	582.5	41.8
20-24	5.6	56.4	62.0	81.0	76.3	157.2	219.2	16.7
25-34	24.2	44.9	69.0	404.0	88.8	492.8	561.9	21.0
35-44	43.4	24.0	67.4	315.0	60.6	375.6	443.0	18.3
45-54	68.7	26.7	95.5	288.6	57.0	345.6	441.1	26.7
55-59	75.0	25.0	100.0	189.5	55.8	245.3	345.3	46.8
60-64	141.2	38.0	179.2	213.8	102.9	316.7	495.9	69.0
65-69	199.6	50.0	249.6	182.0	131.3	313.2	562.8	91.6
70 and over	304.7	127.3	432.0	215.6	471.9	687.5	1,119.5	96.5
Total	863.0	685.2	1,548.2	1,899.8	1,323.1	3,222.9	4,771.1	37.6

TABLE 42. PERSONS NOT IN THE LABOUR FORCE: WHETHER LOOKING FOR WORK, ETC., MAY 1988  
('000)

	Males			Females			Persons
	Married	Not married	Total	Married	Not married	Total	
Looking for work	8.9	20.7	29.6	33.2	24.1	57.4	87.0
Took active steps to find work(a)	*	9.2	12.0	9.2	10.5	19.6	31.6
Did not take active steps to find work	6.1	11.5	17.6	24.1	13.7	37.7	55.3
Not looking for work	820.9	615.5	1,436.4	1,847.0	1,187.5	3,034.5	4,470.8
Permanently unable to work	12.2	8.1	20.3	*	7.2	10.7	31.1
In institutions	21.0	40.9	61.9	16.1	104.3	120.4	182.3
Total	863.0	685.2	1,548.2	1,899.8	1,323.1	3,222.9	4,771.1

(a) Not available to start work in the reference week for reasons other than own temporary illness or injury.

TABLE 43. ESTIMATES OF LABOUR FORCE STATUS AND GROSS CHANGES (FLOWS) DERIVED FROM MATCHED RECORDS  
APRIL 1988 AND MAY 1988  
( '000)

Labour force status in - April 1988	May 1988	Males	Females		Persons
			Married	Total	
Employed full time	Employed full time	3,178.4	697.7	1,313.2	4,491.6
	Employed part time	45.6	48.5	71.5	117.1
	Unemployed	26.8	(1)	7.6	34.4
	Not in the labour force	31.7	25.7	32.5	64.2
Employed part time	Employed full time	47.3	52.2	78.8	126.1
	Employed part time	166.5	593.7	794.7	961.2
	Unemployed	12.8	8.5	16.0	28.8
	Not in the labour force	27.9	52.6	75.8	103.7
Unemployed	Employed full time	41.0	6.5	18.3	59.3
	Employed part time	15.8	15.2	30.7	46.5
	Unemployed	173.5	43.6	121.3	294.8
	Not in the labour force	35.8	29.9	60.1	95.9
Not in the labour force	Employed full time	17.7	12.3	17.5	35.2
	Employed part time	19.3	55.4	69.5	88.8
	Unemployed	27.7	27.7	50.3	77.9
	Not in the labour force	1,057.9	1,426.9	2,314.9	3,372.8
<hr/>					
Total flows into	Employed	93.8	89.4	136.0	229.8
	Full time	106.0	71.0	114.5	220.6
	Part time	80.7	119.2	171.8	252.4
	Unemployed	67.3	40.0	73.8	141.1
	Not in the labour force	95.4	108.2	168.5	263.9
Total flows out of	Employed	99.3	90.6	131.9	231.2
	Full time	104.2	78.0	111.6	215.8
	Part time	88.0	113.3	170.6	258.7
	Unemployed	92.5	51.5	109.1	201.6
	Not in the labour force	64.7	95.4	137.3	202.0
Total changes of status		256.5	237.6	378.3	634.8
Population represented by the matched sample		4,925.7	3,100.1	5,072.7	9,998.4

TABLE 44. FAMILY STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER: SUMMARY TABLE, MAY 1988

	Employed	Unemployed	Labour force	Not in labour force	Civilian population aged 15 and over		
					Males	Females	Persons
NUMBER ('000)							
Member of a family	6,034.1	464.9	6,499.1	3,614.7	5,035.0	5,078.7	10,113.8
Husband or wife	4,490.6	227.7	4,718.2	2,615.6	3,707.1	3,626.8	7,333.8
With children aged 0-14 present	2,404.4	141.9	2,546.2	796.0	1,701.0	1,641.2	3,342.2
Without children aged 0-14 present	2,086.2	85.8	2,172.0	1,819.6	2,006.1	1,985.5	3,991.6
With dependents present	2,763.1	153.5	2,916.5	930.3	1,953.7	1,893.1	3,846.8
Without dependents present	1,727.5	74.2	1,801.7	1,685.3	1,753.4	1,733.6	3,487.0
Not-married family head	243.9	36.2	280.1	289.7	110.7	459.0	569.8
With children aged 0-14 present	113.4	23.2	136.6	144.7	28.7	252.6	281.3
Without children aged 0-14 present	130.4	13.0	143.5	145.0	82.0	206.5	288.5
With dependents present	148.1	27.5	175.6	159.9	42.7	292.8	335.5
Without dependents present	95.8	8.7	104.4	129.9	68.1	166.2	234.3
Full-time student aged 15-24(a)	198.6	47.6	246.1	502.1	369.4	378.9	748.3
Other child of family head	1,015.3	136.7	1,152.0	89.3	754.2	487.1	1,241.3
Other relative of family head	85.8	16.8	102.7	117.9	93.7	126.9	220.6
Not a member of a family	961.9	88.2	1,050.1	714.3	841.9	922.4	1,764.4
Living alone	424.8	36.4	461.2	613.1	446.0	628.3	1,074.4
Not living alone	537.0	51.8	588.8	101.2	395.9	294.1	690.0
Usual resident of a private dwelling where family status was determined	6,996.0	553.2	7,549.1	4,329.0	5,877.0	6,001.2	11,878.1
Usual resident of a private dwelling where family status was not determined	175.8	14.0	189.8	78.8	121.2	147.4	268.6
Total usual residents of private dwellings	7,171.8	567.1	7,738.9	4,407.8	5,998.2	6,148.5	12,146.7
Visitors to private dwellings	43.0	9.8	52.8	56.2	49.3	59.7	109.0
Persons enumerated in non-private dwellings	111.4	15.0	126.4	307.0	201.5	231.9	433.4
Total	7,326.1	591.9	7,918.0	4,771.1	6,249.0	6,440.1	12,689.1
PROPORTION OF TOTAL (per cent)							
Member of a family	82.4	78.6	82.1	75.8	80.6	78.9	79.7
Husband or wife	61.3	38.5	59.6	54.8	59.3	56.3	57.8
With children aged 0-14 present	32.8	24.0	32.2	16.7	27.2	25.5	26.3
Without children aged 0-14 present	28.5	14.5	27.4	38.1	32.1	30.8	31.5
With dependents present	37.7	25.9	36.8	19.5	31.3	29.4	30.3
Without dependents present	23.6	12.5	22.8	35.3	28.1	26.9	27.5
Not-married family head	3.3	6.1	3.5	6.1	1.8	7.1	4.5
With children aged 0-14 present	1.5	3.9	1.7	3.0	0.5	3.9	2.2
Without children aged 0-14 present	1.8	2.2	1.8	3.0	1.3	3.2	2.3
With dependents present	2.0	4.7	2.2	3.4	0.7	4.5	2.6
Without dependents present	1.3	1.5	1.3	2.7	1.1	2.6	1.8
Full-time student aged 15-24(a)	2.7	8.0	3.1	10.5	5.9	5.9	5.9
Other child of family head	13.9	23.1	14.5	1.9	12.1	7.6	9.8
Other relative of family head	1.2	2.8	1.3	2.5	1.5	2.0	1.7
Not a member of a family	13.1	14.9	13.3	15.0	13.5	14.3	13.9
Living alone	5.8	6.2	5.8	12.9	7.1	9.8	8.5
Not living alone	7.3	8.8	7.4	2.1	6.3	4.6	5.4
Usual resident of a private dwelling where family status was determined	95.5	93.5	95.3	90.7	94.0	93.2	93.6
Usual resident of a private dwelling where family status was not determined	2.4	2.4	2.4	1.7	1.9	2.3	2.1
Total usual residents of private dwellings	97.9	95.8	97.7	92.4	96.0	95.5	95.7
Visitors to private dwellings	0.6	1.6	0.7	1.2	0.8	0.9	0.9
Persons enumerated in non-private dwellings	1.5	2.5	1.6	6.4	3.2	3.6	3.4
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) Excludes persons aged 20-24 attending school.

TABLE 45. FAMILY STATUS AND LABOUR FORCE STATUS OF PERSONS AGED 15 AND OVER(a), MAY 1988

	Employed			Unemployed		Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Part-time workers	Total	Looking for full-time work	Total					
	- '000 -								- per cent -	
MALES										
Member of a family	3,358.6	242.2	3,600.8	227.4	256.0	3,856.8	1,178.2	5,035.0	6.6	76.6
Husband	2,658.9	113.5	2,772.4	120.6	126.1	2,898.5	808.5	3,707.1	4.4	78.2
With children aged 0-14 present	1,508.4	35.8	1,544.2	75.7	77.6	1,621.9	79.1	1,701.0	4.8	95.3
Without children aged 0-14 present	1,150.5	77.7	1,228.2	44.9	48.5	1,276.7	729.4	2,006.1	3.8	63.6
With dependents present	1,713.6	42.7	1,756.3	81.8	83.9	1,840.2	113.5	1,953.7	4.6	94.2
Without dependents present	945.3	70.8	1,016.1	38.8	42.2	1,058.3	695.0	1,753.4	4.0	60.4
Not-married family head	64.9	5.3	70.2	7.5	8.4	78.6	32.1	110.7	10.7	71.0
With children aged 0-14 present	18.8	*	19.7	*	4.2	24.0	4.8	28.7	17.6	83.3
Without children aged 0-14 present	46.2	4.3	50.5	*	4.2	54.7	27.4	82.0	7.6	66.6
With dependents present	28.5	*	30.9	*	4.7	35.6	7.1	42.7	13.1	83.4
Without dependents present	36.4	*	39.3	*	*	43.0	25.1	68.1	*	63.2
Full-time student aged 15-24(b)	5.4	80.9	86.3	5.1	23.4	109.7	259.7	369.4	21.3	29.7
Other child of family head	577.0	39.9	616.9	85.6	88.8	705.7	48.5	754.2	12.6	93.6
Other relative of family head	52.4	*	55.0	8.6	9.3	64.3	29.4	93.7	14.5	68.6
Not a member of a family	538.5	48.3	586.8	46.8	51.3	638.1	203.8	841.9	8.0	75.8
Living alone	251.3	18.8	270.2	20.0	21.6	291.8	154.3	446.0	7.4	65.4
Not living alone	287.2	29.4	316.6	26.9	29.7	346.3	49.5	395.9	8.6	87.5
Total	3,897.1	290.5	4,187.6	274.2	307.4	4,495.0	1,382.0	5,877.0	6.8	76.5
FEMALES										
Member of a family	1,386.4	1,046.9	2,433.3	132.0	208.9	2,642.2	2,436.5	5,078.7	7.9	52.0
Wife	901.0	817.1	1,718.1	56.3	101.5	1,819.7	1,807.1	3,626.8	5.6	50.2
With children aged 0-14 present	344.2	515.9	860.1	30.5	64.2	924.4	716.9	1,641.2	6.9	56.3
Without children aged 0-14 present	556.8	301.2	858.0	25.8	37.3	895.3	1,090.2	1,985.5	4.2	45.1
With dependents present	418.4	588.4	1,006.8	32.3	69.6	1,076.3	816.8	1,893.1	6.5	56.9
Without dependents present	482.6	228.8	711.4	24.0	32.0	743.4	990.3	1,733.6	4.3	42.9
Not-married family head	109.4	64.2	173.6	19.7	27.8	201.5	257.6	459.0	13.8	43.9
With children aged 0-14 present	50.1	43.6	93.7	12.3	19.0	112.7	139.9	252.6	16.8	44.6
Without children aged 0-14 present	59.3	20.6	79.9	7.4	8.9	88.8	117.6	206.5	10.0	43.0
With dependents present	67.7	49.5	117.1	15.5	22.9	140.0	152.8	292.8	16.3	47.8
Without dependents present	41.8	14.7	56.5	4.2	5.0	61.4	104.8	166.2	8.1	37.0
Full-time student aged 15-24(b)	*	109.9	112.3	*	24.2	136.5	242.4	378.9	17.7	36.0
Other child of family head	348.3	50.1	398.4	45.9	47.9	446.2	40.9	487.1	10.7	91.6
Other relative of family head	25.3	5.5	30.9	6.7	7.5	38.4	88.6	126.9	19.6	30.2
Not a member of a family	309.2	65.9	375.1	30.0	36.9	412.0	510.5	922.4	8.9	44.7
Living alone	124.5	30.1	154.7	11.7	14.8	169.5	458.9	628.3	8.7	27.0
Not living alone	184.7	35.7	220.4	18.4	22.1	242.5	51.6	294.1	9.1	82.5
Total	1,695.6	1,112.8	2,808.4	162.1	245.8	3,054.2	2,947.0	6,001.2	8.0	50.9
PERSONS										
Member of a family	4,745.0	1,289.1	6,034.1	359.4	464.9	6,499.1	3,614.7	10,113.8	7.2	64.3
Husband or wife	3,559.9	930.7	4,490.6	176.9	227.7	4,718.2	2,615.6	7,333.8	4.8	64.3
With children aged 0-14 present	1,852.7	551.7	2,404.4	106.2	141.9	2,546.2	796.0	3,342.2	5.6	76.2
Without children aged 0-14 present	1,707.2	378.9	2,086.2	70.7	85.8	2,172.0	1,819.6	3,991.6	4.0	54.4
With dependents present	2,132.0	631.1	2,763.1	114.0	153.5	2,916.5	930.3	3,846.8	5.3	75.8
Without dependents present	1,427.9	299.6	1,727.5	62.9	74.2	1,801.7	1,685.3	3,487.0	4.1	51.7
Not-married family head	174.4	69.5	243.9	27.2	36.2	280.1	289.7	569.8	12.9	49.2
With children aged 0-14 present	68.9	44.5	113.4	15.9	23.2	136.6	144.7	281.3	17.0	48.6
Without children aged 0-14 present	105.5	24.9	130.4	11.3	13.0	143.5	145.0	288.5	9.1	49.7
With dependents present	96.2	51.9	148.1	19.2	27.5	175.6	159.9	335.5	15.7	52.4
Without dependents present	78.2	17.5	95.8	7.9	8.7	104.4	129.9	234.3	8.3	44.6
Full-time student aged 15-24(b)	7.7	190.9	198.6	8.5	47.6	246.1	502.1	748.3	19.3	32.9
Other child of family head	925.2	90.0	1,015.3	131.5	136.7	1,152.0	89.3	1,241.3	11.9	92.8
Other relative of family head	77.7	8.1	85.8	15.3	16.8	102.7	117.9	220.6	16.4	46.5
Not a member of a family	847.8	114.1	961.9	76.9	88.2	1,050.1	714.3	1,764.4	8.4	59.5
Living alone	375.8	49.0	424.8	31.7	36.4	461.2	613.1	1,074.4	7.9	42.9
Not living alone	471.9	65.1	537.0	45.2	51.8	588.8	101.2	690.0	8.8	85.3
Total	5,592.7	1,403.2	6,996.0	436.3	553.2	7,549.1	4,329.0	11,878.1	7.3	63.6

(a) Civilians who were residents of private dwellings where family status was determined. See Explanatory Notes.  
(b) Excludes persons aged 20-24 attending school.

TABLE 46. ALL FAMILIES(a): TYPE OF FAMILY, NUMBER OF FAMILY MEMBERS AND EMPLOYMENT STATUS(b), MAY 1988  
('000 families)

Number of family members(c)	None employed			One employed			Two or more employed			Total		
	None unemp-loyed	One or more unemp-loyed	Total	None unemp-loyed	One or more unemp-loyed	Total	None unemp-loyed	One or more unemp-loyed	Total	None unemp-loyed	One or more unemp-loyed	Total
MARRIED-COUPLE FAMILIES												
Two	542.6	22.1	564.7	229.2	26.1	255.3	491.2	..	491.2	1,263.0	48.1	1,311.2
Three	38.1	27.2	65.3	235.3	29.0	264.3	372.1	16.1	388.2	645.5	72.4	717.9
Four	16.8	27.9	44.7	267.1	40.1	307.3	562.8	37.0	599.8	846.7	105.0	951.7
Five	9.7	13.8	23.5	131.8	17.0	148.8	283.5	27.4	310.9	424.9	58.2	483.1
Six or more	7.9	14.3	22.2	47.5	10.3	57.8	99.9	16.3	116.1	155.2	40.9	196.1
Total	615.2	105.2	720.4	910.8	122.6	1,033.4	1,809.4	96.9	1,906.3	3,335.4	324.6	3,660.0
OTHER FAMILIES WITH A MALE HEAD												
Two	11.1	5.7	16.8	27.7	6.0	33.7	29.0	..	29.0	67.8	11.6	79.5
Three	*	*	5.6	7.7	*	8.2	8.8	*	11.1	18.8	6.1	24.8
Four or more	*	*	*	*	*	*	*	*	*	5.7	*	7.1
Total	14.2	9.1	23.2	37.8	7.1	44.8	40.4	*	43.4	92.3	19.1	111.5
OTHER FAMILIES WITH A FEMALE HEAD												
Two	86.0	20.8	106.8	99.8	7.4	107.2	37.8	..	37.8	223.6	28.2	251.8
Three	44.0	11.1	55.0	41.8	6.7	48.5	29.7	4.4	34.1	115.5	22.1	137.6
Four	16.8	5.7	22.5	11.7	*	14.7	12.1	*	12.7	40.6	9.2	49.8
Five or more	8.7	*	10.8	4.3	*	5.4	*	*	4.8	16.8	4.3	21.1
Total	155.5	39.7	195.1	157.7	18.1	175.8	83.4	6.0	89.4	396.5	63.8	460.3
OTHER FAMILIES: TOTAL												
Two	97.1	26.5	123.6	127.5	13.3	140.9	66.8	..	66.8	291.5	39.8	331.3
Three	46.3	14.3	60.6	49.5	7.2	56.7	38.5	6.7	45.1	134.2	28.2	162.4
Four	17.1	5.8	23.0	13.6	*	16.9	14.6	*	15.7	45.3	10.3	55.6
Five	6.5	*	7.4	4.6	*	5.3	*	*	*	14.3	*	16.7
Six or more	*	*	*	*	*	*	*	*	*	*	*	5.8
Total	169.6	48.7	218.4	195.5	25.2	220.6	123.7	9.0	132.8	488.9	82.9	571.8
ALL FAMILIES												
Two	639.7	48.5	688.3	356.7	39.4	396.1	558.0	..	558.0	1,554.5	88.0	1,642.4
Three	84.4	41.5	125.9	284.8	36.2	321.0	410.6	22.8	433.4	779.8	100.5	880.3
Four	33.9	33.7	67.6	280.7	43.5	324.2	577.3	38.1	615.5	892.0	115.3	1,007.3
Five	16.2	14.7	30.9	136.3	17.8	154.1	286.6	28.1	314.8	439.2	60.6	499.8
Six or more	10.5	15.5	26.0	47.8	10.8	58.6	100.6	16.8	117.3	158.9	43.1	201.9
Total	784.8	153.9	938.7	1,106.3	147.7	1,254.0	1,933.1	105.9	2,039.0	3,824.2	407.5	4,231.8

(a) See Explanatory Notes for details of exclusions to family tables.

(b) Employment status refers to persons aged 15 and over only.

(c) Of any age.

TABLE 47. ALL FAMILIES(a): TYPE OF FAMILY, NUMBER OF CHILDREN AGED 0-14 PRESENT, NUMBER OF DEPENDENTS PRESENT, AND LABOUR FORCE STATUS(b), MAY 1988 ('000 families)

	Number of children aged 0-14 present			Number of dependents present			Total
	None	One	Two or more	None	One	Two or more	
NO FAMILY MEMBER EMPLOYED							
Married-couple families	613.3	33.7	73.4	598.5	40.0	81.7	720.4
One or both spouses unemployed(c)	27.1	16.8	45.1	24.0	17.1	47.7	88.9
Husband unemployed, wife unemployed	5.1	*	5.3	5.1	*	5.8	14.0
Husband unemployed, wife not in the labour force	20.3	12.5	37.1	17.3	13.2	39.2	69.9
Neither spouse unemployed	586.2	16.9	28.3	574.6	22.9	34.0	631.4
Other families	63.4	85.0	69.9	50.3	87.5	80.6	218.4
Family head unemployed	7.0	14.8	7.4	*	15.9	9.9	29.2
Male head unemployed	*	*	*	*	*	*	6.2
Female head unemployed	5.0	11.6	6.4	*	12.7	8.2	22.9
Family head not unemployed	56.4	70.2	62.6	46.8	71.6	70.7	189.2
Male head not in the labour force	12.5	*	*	11.4	*	*	17.0
Female head not in the labour force	43.8	67.1	61.3	35.4	68.1	68.7	172.2
All families	676.7	118.8	143.3	648.8	127.4	162.2	938.7
ONE OR MORE FAMILY MEMBERS EMPLOYED							
Married-couple families	1,380.4	568.7	990.5	1,139.8	594.1	1,205.8	2,939.7
One or both spouses unemployed(c)	50.6	25.8	43.8	42.6	24.2	53.4	120.2
Husband employed, wife unemployed	27.8	16.8	34.5	23.5	16.3	39.2	79.1
Husband unemployed, wife employed	13.0	5.2	7.2	11.5	4.8	9.1	25.5
Husband unemployed, wife unemployed	*	*	*	*	*	*	*
Husband unemployed, wife not in the labour force	6.9	*	*	5.6	*	*	11.2
Neither spouse unemployed	1,329.9	542.9	946.7	1,097.2	569.9	1,152.4	2,819.5
Husband employed, wife employed	801.8	315.0	527.1	664.6	316.2	663.0	1,643.9
Husband employed, wife not in the labour force	387.1	212.0	406.7	314.6	224.5	466.7	1,005.8
Husband not in the labour force, wife employed	48.2	9.0	10.0	39.2	12.9	15.1	67.1
Husband not in the labour force, wife not in the labour force	92.8	7.0	*	78.8	16.3	7.6	102.6
Other families	227.0	77.2	49.1	180.2	102.3	70.9	353.4
Family head unemployed	6.0	*	*	4.7	*	*	7.2
Male head unemployed	*	*	*	*	*	*	*
Female head unemployed	*	*	*	*	*	*	5.0
Family head not unemployed	221.0	76.5	48.7	175.6	100.7	70.0	346.2
Male head employed	50.9	13.5	6.2	37.9	23.6	9.1	70.6
Female head employed	80.3	55.9	37.8	55.2	65.3	53.6	174.0
Male head not in the labour force	15.2	*	*	14.1	*	*	15.4
Female head not in the labour force	74.6	6.9	4.8	68.4	10.8	6.9	86.2
All families	1,607.5	646.0	1,039.6	1,320.0	696.4	1,276.6	3,293.0
TOTAL							
Married-couple families	1,993.7	602.5	1,063.8	1,738.3	634.1	1,287.4	3,660.0
One or both spouses unemployed(c)	77.6	42.6	88.9	66.6	41.3	101.0	209.1
Husband employed, wife unemployed	27.8	16.8	34.5	23.5	16.3	39.2	79.1
Husband unemployed, wife employed	13.0	5.2	7.2	11.5	4.8	9.1	25.5
Husband unemployed, wife unemployed	7.5	4.2	5.8	6.9	*	7.0	17.5
Husband unemployed, wife not in the labour force	27.1	15.2	38.7	22.9	15.6	42.4	81.1
Neither spouse unemployed	1,916.1	559.8	975.0	1,671.7	592.7	1,186.4	3,450.9
Husband employed, wife employed	801.8	315.0	527.1	664.6	316.2	663.0	1,643.9
Husband employed, wife not in the labour force	387.1	212.0	406.7	314.6	224.5	466.7	1,005.8
Husband not in the labour force, wife employed	48.2	9.0	10.0	39.2	12.9	15.1	67.1
Husband not in the labour force, wife not in the labour force	679.0	23.9	31.1	653.3	39.1	41.6	734.0
Other families	290.4	162.3	119.1	230.5	189.8	151.5	571.8
Family head unemployed	13.1	15.5	7.8	8.1	17.5	10.7	36.4
Male head unemployed	4.2	*	*	*	*	*	8.4
Female head unemployed	8.9	12.3	6.8	4.8	14.3	8.8	27.9
Family head not unemployed	277.3	146.8	111.3	222.4	172.3	140.7	535.4
Male head employed	50.9	13.5	6.2	37.9	23.6	9.1	70.6
Female head employed	80.3	55.9	37.8	55.2	65.3	53.6	174.0
Male head not in the labour force	27.7	*	*	25.5	4.6	*	32.5
Female head not in the labour force	118.4	73.9	66.0	103.8	78.9	75.6	258.4
All families	2,284.1	764.8	1,182.9	1,968.8	823.8	1,438.9	4,231.8

(a) See Explanatory Notes for details of exclusions to family tables.

(b) Labour force status refers to persons aged 15 and over only.

(c) Includes a small number of families with husband not in the labour force and wife unemployed.

## TECHNICAL NOTE

The LFS sample has been redesigned and reselected using information collected in the 1986 Population Census. The new sample was phased in over the period September 1987 to December 1987. For details, see *Information Paper — Labour Force Survey — Sample Design* (6269.0). For more information on sample design estimation procedures and reliability of the estimates for surveys prior to September 1987, reference should be made to the Technical Note in *The Labour Force, Australia, Historical Summary, 1966 to 1984* (6204.0).

### Estimation procedure

2. The labour force estimates are derived from the population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

### Reliability of the estimates

3. Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. The *sampling error* is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed. Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, are subject to sampling variability; that is, they may differ from the estimates that would have been produced if all dwellings had been included in the surveys. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the estimate that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure of sampling variability is the *relative standard error* which is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling, and thus avoids the need to refer also to the size of the estimate.

4. Space does not allow for the separate indication of the standard errors of all estimates in this publication. Standard errors of estimates for the latest month and of estimates of movements since the previous month are shown in Table I. Standard errors of other estimates and other monthly movements should be determined by using Tables A and B.

5. The size of the standard error increases with the level of the estimate, so that the larger the estimate the larger is the standard error. However, it should be noted that the larger the sample estimate the smaller will be the standard error in percentage terms. Thus, larger sample estimates will be relatively more reliable than smaller estimates.

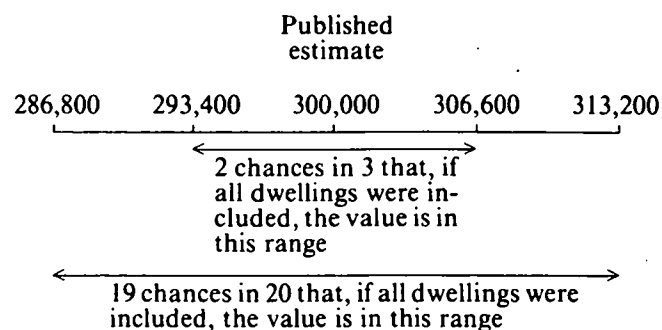
6. As the standard errors in Table A show, *the smaller the estimate the higher is the relative standard error*. Very small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously

from their value for most reasonable uses. For the labour force survey, estimates which have a relative standard error larger than 25 per cent are not published. In the tables in this publication, estimates below the levels shown in Table C, and percentages based on such estimates, have not been included but are indicated with a '\*'. Although estimates for these small components can be derived by subtraction in some cases, they should not be regarded as reliable. See paragraph 9 concerning higher publication cut-off points for some estimates.

7. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. An indication of the magnitude of standard errors of monthly movements is given in Table B. The estimates of standard error of monthly movements apply only to estimates of movements between two consecutive months. Movements between corresponding months of consecutive quarters (quarterly movements), corresponding months of consecutive years (annual movements) and other non-consecutive months, will generally be subject to somewhat greater sampling variability than is indicated in Table B. Standard errors of *quarterly* movements can be obtained by multiplying the figures in Table A by 1.22. Standard errors of quarterly movements calculated this way will not necessarily agree with those obtained by multiplying the figures in Table B by 1.5, which was the method shown in the June 1985 and previous issues of this publication. This is because Tables A and B are derived independently of each other. Standard errors of all *annual* movements can be obtained by multiplying the figures in Table A by 1.3. When using Table A or Table B to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

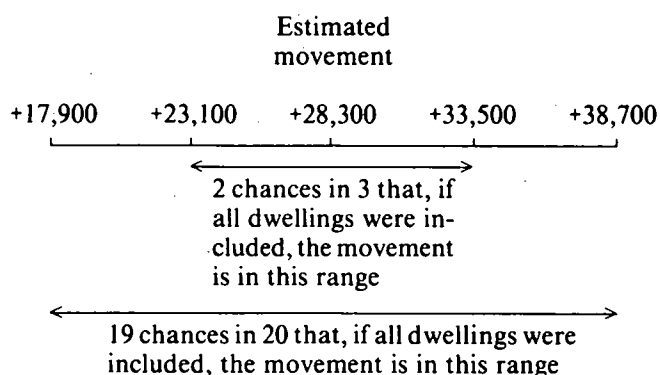
8. Examples of the calculation and use of standard errors are given below:

- (a) From Table A it will be seen that an estimate of 300,000 unemployed males looking for full-time work has a standard error of about 6,600. Therefore there are about two chances in three that the number that would have been obtained if all dwellings had been included in the survey would have been within the range 293,400 to 306,600 and about nineteen chances in twenty that it would have been within the range 286,800 to 313,200.



- (b) Suppose that there is an increase of 28,300 in the number of unemployed males looking for full-time work from one month to the next.

Table B relates the standard error of the monthly movement to the larger of the two estimates from which the movement is derived. In this case, if the larger of the two estimates from which the movement is derived was 300,000, from Table B it will be seen that the standard error of the monthly movement is about 5,200. Therefore there are about two chances in three that if all dwellings had been included in the surveys the movement would have been within the range +23,100 to +33,500 and about nineteen chances in twenty that it would have been within the range +17,900 to +38,700.



9. The relative standard errors of estimates of *aggregate hours worked*, *average hours worked*, *average duration of unemployment*, and *median duration of unemployment* are obtained by first finding the relative standard error of the estimate of the total number of persons contributing to the estimate (see Table A) and then multiplying the figure so obtained by the following relevant factors:

Aggregate hours worked: 1.2  
Average hours worked: 0.7  
Average duration of unemployment: 1.3  
Median duration of unemployment: 2.0

Publication cut-off points for these and other labour force estimates (see paragraph 6) are shown in Table C on the next page. Because of these higher relative standard errors, estimates of aggregate hours worked, average duration of unemployment, and median duration of unemployment have higher cut-off points for publication (see paragraph 6) than other estimates as shown in Table A.

10. An example of the calculation of standard errors by the use of these factors is as follows:

If an estimate of median duration of unemployment for unemployed males is 19 weeks and the number unemployed is estimated as 300,000, from Table A it can be estimated that this figure (300,000) has a standard error of about 6,600 and therefore a relative standard error of about 2.2 per cent. The

*relative standard error* of the estimate of median duration of unemployment is calculated by multiplying this figure (2.2) by the appropriate factor shown in the previous paragraph (in this case 2.0):  $2.2 \times 2.0 = 4.4$  per cent. The *standard error* of this estimate of median duration of unemployment is therefore 4.4 per cent of 19, i.e. about 1. Therefore there are about two chances in three that the median duration of unemployment for unemployed males that would have been obtained if all dwellings had been included in the survey would have been within the range 18 to 20 weeks and about nineteen chances in twenty that it would have been within the range 17 to 21 weeks.

11. Proportions and percentages (for example, participation rates) formed from the ratio of two estimates are also subject to sampling error. The size of the error depends on the accuracy of both the numerator and denominator. The formula for the relative standard error (RSE) of a proportion or percentage is given below:

$$RSE(x/y) = \sqrt{[RSE(x)]^2 + [RSE(y)]^2}$$

12. Standard errors contained in Tables A and B are designed to provide an average standard error applicable for all monthly labour force survey estimates. Analysis of the standard errors applicable to particular survey estimates has shown that the standard errors of estimates of employment are generally equivalent to those shown in Tables A and B, while standard errors for unemployment and not in the labour force are approximately 3 per cent and 11 per cent respectively higher than those shown in the tables. Standard errors for capital cities are approximately the same as those for corresponding States. Standard errors of estimates of numbers of families are approximately the same as those for numbers of persons. Standard errors of estimates of persons born in Australia are approximately the same as those shown in Tables A and B. For aggregate estimates of persons born outside Australia the standard errors are about 15 per cent higher. The standard errors vary for individual countries of birth, but are generally less than 10 per cent higher.

13. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by respondents, errors made in collection such as in recording and coding data, and errors made in processing the data. Inaccuracies of this kind are referred to as the *non-sampling error* and they may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

TABLE A. STANDARD ERRORS OF ESTIMATES FROM SEPTEMBER 1987(a)

Size of estimate	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia	
	— number —								per cent of estimate	
1,300						300				
1,500						320		350		
1,800						350	440	380		
2,000				490		370	460	390		
2,500				540	570	410	500	430		
3,000			750	590	620	440	540	460		
3,500			800	630	670	470	570	480		
4,000			850	670	710	490	600	510	940	23.5
4,500	1,100	1,100	900	700	740	520	630	530	1,000	22.2
5,000	1,150	1,150	950	740	780	540	660	550	1,050	21.1
6,000	1,250	1,250	1,050	800	840	580	700	590	1,150	19.2
10,000	1,550	1,550	1,300	980	1,050	710	850	700	1,500	14.9
20,000	2,100	2,100	1,750	1,300	1,350	920	1,100	870	2,050	10.4
50,000	3,150	3,050	2,550	1,850	1,950	1,250	1,550	1,150	3,150	6.3
100,000	4,150	4,000	3,300	2,350	2,500	1,550	1,950	1,350	4,250	4.2
200,000	5,400	5,100	4,200	2,950	3,150	1,900		1,600	5,600	2.8
300,000	6,400	5,900	4,850	3,350	3,600	2,100			6,600	2.2
500,000	7,700	7,000	5,700	3,900	4,200				8,000	1.6
1,000,000	9,800	8,600	7,100	4,750	5,100				10,400	1.0
2,000,000	12,400	10,600	8,600	5,700	6,200				13,200	0.7
5,000,000	16,700	13,600							17,700	0.4
10,000,000									21,800	0.2

TABLE B. STANDARD ERRORS OF ESTIMATES OF MONTHLY MOVEMENTS FROM DECEMBER 1987 — JANUARY 1988 ONWARDS(a)

Size of larger estimate	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
1,300						270			
1,500						290			
1,800						310	380	330	
2,000				440		320	400	340	
2,500				470	490	340	440	370	
3,000			730	510	520	360	470	390	
3,500			770	540	550	380	500	410	
4,000			810	560	580	400	530	430	1,050
4,500	980	1,050	850	590	610	420	550	450	1,100
5,000	1,000	1,050	880	610	630	430	580	470	1,100
6,000	1,100	1,150	940	660	670	460	620	500	1,200
10,000	1,350	1,350	1,150	790	810	550	760	600	1,450
20,000	1,750	1,750	1,450	1,050	1,050	700	1,000	760	1,900
50,000	2,500	2,400	2,050	1,450	1,500	960	1,450	1,050	2,650
100,000	3,250	3,100	2,600	1,900	1,900	1,200	1,900	1,350	3,450
200,000	4,250	3,950	3,350	2,450	2,450	1,550		1,700	4,450
300,000	5,000	4,550	3,900	2,850	2,850	1,750			5,200
500,000	6,100	5,400	4,700	3,400	3,450				6,300
1,000,000	8,000	6,900	6,100	4,450	4,450				8,100
2,000,000	10,400	8,900	7,800						10,600
5,000,000	14,900	12,200							14,900
10,000,000									21,800

TABLE C. PUBLICATION CUT-OFF POINTS FOR LABOUR FORCE ESTIMATES(b) FROM SEPTEMBER 1987(a)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
Estimates classified by—									
Aggregate hours worked	6,300	6,300	4,300	2,800	3,500	1,800	2,400	2,000	5,800
Average hours worked	2,300	2,300	1,500	1,000	1,300	700	1,000	800	1,900
Average (mean) duration of unemployment	7,300	7,300	5,000	3,200	4,000	2,100	2,800	2,300	6,800
Median duration of unemployment	16,000	15,700	10,800	6,900	8,500	4,800	5,600	4,600	15,700
All other estimates	4,500	4,500	3,000	2,000	2,500	1,300	1,800	1,500	4,000

(a) For standard errors, etc. for earlier periods, see previous issues of this publication. (b) See paragraph 9, page 48.

## SUPPLEMENTARY AND SPECIAL SURVEYS RELATING TO THE LABOUR FORCE

Although emphasis in the population survey is placed on the regular collection of data on demographic and labour force characteristics, supplementary and special surveys of particular aspects of the labour force are carried out from time to time. The results of these surveys on labour force and related topics are published separately as shown below.

<i>Title of Publication</i>	<i>Catalogue No.</i>
Alternative Working Arrangements, Australia, March-May 1982	6341.0
September to November 1986, Preliminary	6340.0
Annual and Long Service Leave Taken, Australia, May 1983 to April 1984	6317.0
Assisted and Unassisted Migrants, August 1972; March 1980	3406.0
Career Paths of Persons with Trade Qualifications, Australia, September to November 1982	6243.0
Child Care—May 1969, 1973, 1977; June 1980; November 1984	4402.0
Educational Experience and Intentions Survey, Australia, 1979	4212.0
Employed Married Women in the Labour Force, November 1979 (Queensland)	6203.3
Employment Benefits. Annually. Latest issue August 1987	6334.0
Employment Status of Teenagers, August 1978(a)	6234.0
Evening and Night Work, November 1976	6329.0
Frequency of Pay, August 1974, 1976 and 1977	6320.0
Income Distribution Survey, Australia, Preliminary Results, 1986	6545.0
Job Search Experience of Unemployed Persons, Australia. Two-yearly. Latest issue June 1986	6222.0
Job Tenure. Latest issue August 1976	6211.0
Journey to Work and Journey to School, May 1970; August 1974	9205.0
Labour Force Experience. Annually. Latest issue February 1987	6206.0
Labour Force Status and Educational Attainment, Australia. Annually. Latest issue February 1987	6235.0
Summary, February 1988	6240.0
Labour Force Status and Other Characteristics of Families. Annually. Latest issue June 1986	6224.0
Labour Force Status and Other Characteristics of Migrants, Australia, March 1987 (previously: Characteristics of Migrants Aged 18 Years and Over at Time of Arrival and who Arrived after 1960)	6250.0
Labour Mobility. Annually. Latest issue February 1987	6209.0
Migrants in the Labour Force, 1972 to 1976(a)	6230.0
Multiple Jobholding. Two-yearly. Latest issue August 1985	6216.0
Persons Retired from Full-time Work, Australia, September 1983	6238.0
Persons Who Intended to Retire from Full-time Work, Australia, September 1984	6258.0
Persons Aged 15 to 64 Years: Employment Status and Period Since Leaving School, May 1976	6225.0
Persons Not in the Labour Force, Australia. Twice-yearly. Latest issue March 1987	6220.0
Summary, March 1988	6219.0
Persons Who Had Re-entered the Labour Force, Australia, May 1985	6264.0
Persons Who Have Left the Labour Force, Australia, November 1985	6267.0
Post School Qualifications of Tradesmen and Other Employed Persons, New South Wales, November 1979	6202.1
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(a) Estimates derived from labour force surveys. For more recent estimates, see the relevant tables in this publication.

